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USAFETAC/DS-79/073

DATA PROCESSING BRANCH **USAFETAC** Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

FORT LEAVENWORTH KANS/SHERMAN AAF WBAN# 13921 FLD ELEV 770 FT N 39' 22 W 094 55

PARTS A-F

POR FROM HOURLY OBS: FEB 37-FEB 46, APR 46-OCT 53, JAN 62-DEC 72

AUG 38-FEB 46, APR 46-OCT 53, JAN 62-DEC 72 POR FROM DAILY OBS:

JUN 20 1975

ASHEVILLE, N. C.

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SUSAN V. BERRY, 2 &t. Information Retrieval Manager

FOR THE COMMANDER

Scientific & Technical Information Officer



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SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

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Approved for public 7 DISTRIBUTION STATEMENT 8 SUPPLEMENTARY NOTES 8 SUPPLEMENTARY NOTES 9 KEY WORDS (Continue on text 1 RUSSWO Snowfall Climatology Surface Winds Relative humidity 0 ABSTRACT (Continue on text his report is a six- Forth Leavenworth, K It contains the follow B) Precipitation, Si C) Surface winds; (I Summaries (daily maximaries (daily maximaries psychromatical)	c release; distribut (of the abstract entered in Block Daily temperature Extreme snow depth Sea-level pressure Extreme temperature *Climatological date reseate II necessary and Identify part statistical sun S Deving parts: (A) Weath nowfall and Snow Depth Ociling Versus Vis mum and minimum tempometric summary of we	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over) by block number) mary of surface weather observations for the Conditions; Atmospheric Phenomena; the (daily amounts and extreme values); ibility; Sky Cover; (E) Psychrometric eratures, extreme maximum and minimum to-bulb temperature depression versus
Approved for public TO DISTRIBUTION STATEMENT	c release; distribut (of the abstract entered in Block Daily temperature Extreme snow depth Sea-level pressure Extreme temperature *Climatological date reseate II necessary and Identify part statistical sun S Deving parts: (A) Weath nowfall and Snow Depth Ociling Versus Vis mum and minimum tempometric summary of we	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over) by block number) mary of surface weather observations for the conditions; Atmospheric Phenomena; the (daily amounts and extreme values); ibility: Sky Cover: (F) Psychrometric



19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Kansas

* Fort Leavenworth, Ks

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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C THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM EN-TIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summery of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0600, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

	O ON SUMMARY	STATION NAME		LATITU	DE I	ONGITUDE.	STATION ELEV (FT	CALL SIGN	WHO N	MBER
1	3921	FORT LEAVENWORTH KANS/SHE	RMAL AA	F N 3	9 22	W 094 55	780	KFL	v	
		STATION LOCATION	A NC	ND IN	ISTRU	MENT	ATION H	ISTOR	Y	
UMBER		GEOGRAPHICAL LOCATION & NAME	TYPE	AT THIS L	OCATION	LATITUDE	LONGITUDE	ELEVATION	ABOVE MSL	OBS PER
OCATION		GEOGRAPHICAE EDUCATION & HAME	STATION	FROM	TO	, CALLIOUE	LONGITUDE	STATION (FT)	HGT FT TYPE BAROMETER	DAT
1 2 3 4 5 6 7 8 9 10 11 12 13	Same Same Same Sherman Same	field AAB Kansas AFB Kansas AAF Kansas	AAF Same Same AFB Same AAF Same Same Same Same Same	Feb 37 Apr 38 Sep 38 Mar 44 Jun 48 Jun 49 Jan 62 Jan 66 Apr 66 Oct 68 Dec 68 Jul 71	Mar 38 Aug 38 Feb 44 May 48 May 49 Oct 53 Dec 65 Mar 66 Sep 66 Sep 68 Nov 68 Jun 71 Dec 72	N 39 22 Same Same Same Same Same Same Same Same	W 094 55 Same Same W 094 54 Same W 094 55 Same Same Same Same Same Same Same	774 Same 783 Same Same Same 779 Same Same Same Same Same Same	774 Same 786 Same Same Same 785 Same Same Same Same Same	4Dail; 14Dail 24 24 24 18Dail 24 19Dail 24 12tol Daily
JMBER OF CATION	DATE OF CHANCE	Surface win	D EQUIPMENT	INFORMATION TYPE OF	TYPE OF	HT ABOVE	REMARKS. ADDITIO	NAL EQUIPMENT,	OR REASON FOR	CHANGE
				TRANSMITTE		CROUND				 .
2	Feb 37to Dec 41 Jan 42to May 48	Located on Hangar # 1.		Selsyn	. None	B Same				
	Jun 48to Feb 53	Located on the Hangar,		Same	Same	40 Ft				
4	Mar 53to Oct 53	Same.		1 '	1 ML-204	Same			,	
	Jan 62to	Located on the roof of Cor	*****	AN/GMQ-	11 RO-2	73 Ft	i			

NUMBER	DATE	SURFA	CE WIND EQUIPMENT IN	FORMATION			
OF LOCATION	OF CHANGE	LOCATION	:	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE .	REMARKS. ADDITIONAL EQUIPMENT. OR REASON FOR CHANCE
7	16Mar 69 toJun 70			Same	RO-362	Same	
8	Jul 70to Dec 72		enterline, /33.	an/gmq-20	Same	Same	
		9 (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	9, 9 9 9 9 9		is man Politos (o Politos ()	ස්ථ ස්ථ සේථ සේථ සේථ සේථ සේථ සේථ සේථ සේථ	Secured the finite degree of the course of t

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glase) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

WEATHER CONDITIONS

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	8LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NAL	۸LL	.1	3.8	1.0	6.6	•0	11.3	14.9	6.9	1.1	•0	21.2	18664
FEB		.1	4.1	1.1	6.0		11.0	13.7	6.2	. •4	•1	19.1	16676
HAH		.7	6.0	.5	5.6	•0	11.8	9.2	5.7	• 5	• 3	1448	18325
APR		2.0	9.7	•0	•6	•0	10.1	7.3	3.8		•1	10.8	18275
HAY		3.0	7.9		•0	•0	7.9	7.3	2 • 8		• 2	9.7	19136
JUN		4.7	7.2			•0	7.2	6.4	2.8		•0	8.8	18584
JUL		3.2	4.5			•0	4.5	5.5	3.1			7.8	19460
AUG		3.2	5,5				5,5	8.3	6.6		•0	13.5	19113
SEP		2.0	6,6			•0	6,6	11.0	5.3		•0	14.7	18645
UCT		1.2	6.0		•1		6.0	9.2	4.9			12.9	18949
אסא		.3	6,2	•1	1.8		7,9	9.6	5.2	•1	.0	14.0	18210
DEC		•1	4.8	1.1	5.7	•0	11.3	14.0	7.2	.4	•1	19.7	18899
TOTALS		1.7	6.0	.3	2.2	•0	8.4	9.7	5.0	.2	.1	13.9	222936

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WEATHER CONDITIONS

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FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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DUST AND/OR SAND % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. % OF OSS WITH PRECIP. SMOKE AND/OR HAZE FREEZING SHOW AND/OR HOURS (L.S.T.) THUNDER BLOWING SNOW HTHOM AND/OR DRIZZLE RAIN & /OR DRIZZLE FOG SLEET 2229 10.9 15.4 5.5 20.3 5.8 JAN 00-02 2228 6.6 11.7 16.2 5.2 ĩ.c 21.0 03-05 • ĩ 2358 19.4 7.7 25.5 . 9 06-08 ٠Ì .9 7.0 11.7 2382 8.9 13.8 17.6 10.9 .0 27.5 09-11 4.0 1.0 . 1 1.1 2383 .0 7.6 11.9 13.1 8.1 ī.3 21.0 12-14 1.1 2381 7.2 i.2 .0 18.2 3.5 10.3 11.3 15-17 6.3 2354 4.0 5.7 10.3 12.4 1.1 17.8 18-20 . 2 . 8 6.0 4.7 2349 9.4 1.3 18.4 5.2 14.0 21-23 1.1 TOTALS 18664 21.2 3.8 16.6 11.3

USAFETAC PORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

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FURT LEAVENWORTH KANS/SHERHAN AAF 37-53,6

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FRUM HOUR'Y OBSERVATIONS

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RAIN AND/OR DRIZZLE FREEZING RAIN & /OR DRIZZLE SNOW AND/OR SLEET DUST AND/OR SAND % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. % OF OBS WITH PRECIP. SMOKE AND/OR HAZE BLOWING SNOW монтн FOG 1936 16.4 FEB 00-02 11.9 12.7 20.1 1941 11.0 3.8 6 . C 16.7 4.7 03-05 2131 27.1 5.9 3.9 • B 9.1 06-08 10.6 20.5 25.2 2150 17.5 9.8 7.1 11.8 09-11 4.0 1.0 18.6 2156 4.4 6.5 11.5 12.0 6.6 12-14 1.0 15.4 2152 5.1 10.3 10.3 5,1 • 0 15-17 4.3 1.1 10.3 5.6 16.0 2103 18-20 4.5 5.3 10.6 1.0 13.7 2107 21-23 10.2 16676 19.1 6.0 13.7

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WEATHER CONDITIONS

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MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

													· · · · · · · · · · · · · · · · · · ·
· · · ·													
-	21-23	• 9	5.4	• 3	5.6		11.1	5,6	4.1	1.0	.2	10.5	230
	18-20	.7	5.6	.4	4.7		10.6	6.0	5.5	. 5	.6	12.2	230
	15-17	• 3	6.1	.3	5.2	•0	11.2	5.4	4.9	. 3	. 8	11.1	236
	12-14	• 3	5.9	•3	4.9	•0	10.7	7.1	6.0	• 3	. 5	13.0	236
	09-11	.6	5,6	.5	6.5		12.2	10.4	8.5	. 2	.3	18.3	236
	06-08	•6	6.1	•6	6.0		12.4	19.0	.7.9	. 4	•0	24.8	234
	03-05	1.1	6.9	. 8	5.4		12.9	12.0	4.4	.7		16.3	212
MAR	00-02	. 9	6.7	.8	6.1	•0	13.3	7.9	3.9	1.0		12.5	213
нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	NO. OI OBS.

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	8LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	2.2	9.4		. 4		9.6	7.0	2.8			9.4	2150
	03-05	3.0	10.6		.7		11.1	10.8	3.1			13.3	2188
	06-08	1.2	9.7	•1	•6	•0	10.3	14.5	6.7		•1	20 • 1	2329
	09-11	1.0	8.0	•0	. 5		8.5	6.7	5.2		• 3	11.7	2343
	12-14	1.2	8.1		. 8		8,6	4.6	3.7		•0	8.0	2350
	15-17	1.8	9.9		.7	60	10.3	4.5	3.2		.3	7.9	2349
	18-20	2.9	10.6		.6	.1	11.0	5.3	3,2		.1	8 . 5	2319
	21-23	2.7	10.9		• 5	.1	11.2	5.3	2.5		:1	7.4	2247
TOTALS		2.0	9.7	•0	•6	•0	10.1	7.3	3.8		. 1	10.8	18275

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WEATHER CONDITIONS

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PERCENTÁGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	4.4	7.5				7.5	10.5	1.5			11.5	2252
	03-05	4.1	9.6				9.6	17.6	2.4			18.8	2316
	06-08	2.2	8.2		• 1		8.3	13.2	6.2		•1	17.9	2453
	09-11	1.4	7.8				7.8	4.4	4.7		.4	9.2	2449
	12-14	1.7	6.6		•1	•0	6.7	2.7	2.4		.4	5.1	2455
	15-17	3.ĭ	7.9		•1		8.0	2 • 2	1.9		. 5	4.4	2453
	18=20	3,8	8.1				8.1	3.2	1.4		.2	4.7	2425
	21-23	3.6	7.5			•0	7,5	4.8	1.5		•0	6+0	2333
TOTALS		3.0	7,9		øÒ	•0	7,9	7.3	2.8		.2	9.7	19130

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REBRENTAGE EDGGIENCY OF OCCURRENCE (

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-08	7.8	9.3			•0	9.3	8.3	1.6	_		9.6	2222
	03-05	7.4	10.2				10.2	16.6	1.9			17.9	2285
	06#08	4.8	9,6				9,6	13.1	5.0			16.6	2365
	09+11	2.2	6.6			_	6,6	4.4	4.2			8.2	2366
	12-14	2.4	5,4				5,4	2.4	3.0			5.1	2367
	15-17	1.8	3.7				3.7	1.1	2.5		•0	3.6	2363
	18-20	5.0	6.1			.1	6.1	2.0	2.2			4.2	2343
	21-23	5,9	7.0				7.0	3.3	2.2		.0	5.2	2273
TOTALS		4,7	7.2			.0	7.2	6.4	2.8		•0	8.8	1858

USAFETAC PORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

SMOKE

13921 STATION FORT LEAVENWORTH KANS/SHERHAN AAF 37-53562-72

RAIN

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

FREEZING

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SNOW AND/OR SLEET % OF OBS WITH PRECIP. % OF OBS WITH OBST TO VISION DUST AND/OR SAND TOTAL NO. OF OBS. THUNDER BLOWING SNOW MONTH AND/OR DRIZZLE RAIN & /OR DRIZZLE HAIL AND/OR HAZE FOG 2310 5.Ĩ 5.0 JUL 00-02 5.0 8.3 1.8 9.0 7.8 2384 03-05 6.1 7.8 16.0 2.3 16.8 3,6 7.8 12.5 17.2 2501 06-08 7.8 .0 7.0 2499 1.9 5.8 7.4 09-11 1.6 4.3 4,3 2501 12-14 3.1 • 6 3.0 1.1 3,1 2.6 2505 15-17 3.4 2.5 3,4 . 6 1.6 2.2 2.2 2,3 2,3 2403 18-20 3.0 1.1 1.4 2357 21-23 2.4 3.1 1.9 2.8 2.4 TOTALS 5.5 3.1 19460

USAFETAC $_{\rm JULY\,64}^{\rm FORM}$ 0-10-5 (OL-1), methods editions of this form are obsolete

WEATHER CONDITIONS

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FORT LEAVENWORTH KANS/SHERHAN AAF
STATION NAME
37-53,62-72

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AUG MONTH

PERCENTÂGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIH & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	5.1	6,1				6.1	12.1	4.4			14.6	2236
	03-05	4,5	7.3				7.3	20.2	3.3			21.7	2314
	06-08	3.0	7.8				7.8	19.3	11.4		•0	27.1	2489
	09-11	2.i	6.2				6,2	4.3	11.4			15.1	248
	12-14	1.2	3,8				3.8	1.8	6.1			7.5	2479
	15-17	1.8	3.6				3.6	1.1	5.1			6.1	247
	18-20	3.1	4,3				4.3	2.2	5,5			7.0	234
	21-23	4.5	4,9				4.9	5.2	5 . 8			9.1	228
TOTALS		3.ź	5.5				5,5	8.3	6.6		•0	13.5	1911

USAFETAC FORM 0-10-5 (OL-1), MEYIGU , JOHNONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

13921 STATION

FORT LEAVENHORTH KANS/SHERMAN AAF 37-53,62-72

SEP

PERCENTÂGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	3.6	8.2				8.2	15.4	3.9			17.3	2130
	03-05	2.7	8.5				8.5	23.1	3.1			24,4	2248
	06-08	1.8	7.3				7.3	24.0	9.6			29.8	2450
	09-11	1.î	6.0				6.0	6.3	8.2			13.5	2444
	12-14	. 9	6.3				6,3	2.7	4.7		.0	6.8	2446
	15-17	1.8	6.1			•0	6.1	2.5	4.2			5.9	2446
	18-20	1.4	4.7				4.7	4.6	5.2			8.9	2296
	21-23	3.0	6.0				6.0	9.2	3.5			11.3	2185
													
TOTALS		2.0	6,6			•0	6.6	11.0	5.3		.0	14.7	18645

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WEATHER CONDITIONS

13921 STATION

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FORT LEAVENWORTH KANS/SHER IAN AAF 37-53,62-72

STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

RAIN AND/OR DRIZZLE FREEZING RAIN & /OR DRIZZLE % OF OBS WITH PRECIP. SMOKE AND/OR HAZE DUST AND/OR SAND % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. SNOW AND/OR HOURS (L.S.T.) THUNDER-8LOWING SNOW HTHOM FOG SLEET 5.9 9.7 3.8 12.4 2092 00-02 UCT 5.9 2237 7.2 7.2 15.3 3.4 17.1 03-05 2501 6.3 6.3 21.8 7.5 26.0 06-08 • 1 8.7 15.3 2502 6.4 7.6 09-11 6.4 • 0 2505 6.1 4.2 4.0 6.1 12-14 2512 15-17 5.5 3.1 2356 8.2 4.8 4.6 4.5 18-20 1.1 4.6 2244 TOTALS 18949

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

WEATHER CONDITIONS

13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

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PERCENTÀGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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% OF OBS WITH PRECIP. DUST AND/OR SAND % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. SNOW AND/OR SMOKE AND/OR HAZE FREEZING HOURS (LS.T.) THUNDER-BLOWING SNOW HTHOM RAIN & /OF FOG SLEET 7.1 13.2 2112 5.6 1.7 2.7 VCN 00-02 11.2 7.0 13.1 2099 11.4 2.3 03-05 .3 5.3 1.6 . 2 5.6 7.6 18.5 642 22.4 2303 06-08 2 . 1 . 1 • 0 18.9 2354 7.6 9.6 09-11 . 3 5.7 2.1 10.7 . 2 • 0 .1 2352 12-14 .4 6.6 1.4 8.0 5.1 5.7 10.5 2354 7.1 8.4 5.3 5.4 10.7 15-17 . 2 1.6 2315 9.2 18-20 . 4 7.5 . 2 1.8 6.4 5.2 11.3 11.7 2320 8.3 7.9 4,3 21-23 6.3 •0 18210

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WEATHER CONDITIONS

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FORT LEAVENWORTH KANS/SHERMAN AAF

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

FREEZING RAIN & /OR DRIZZLE % OF OBS WITH PRECIP. % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. SNOW AND/OR DUST AND/OR RAIN THUNDER BLOWING SNOW HOURS (LS.T.) AND/OR HAZE MONTH AND/OR DRIZZLE HAIL FOG SLEET SAND 16.8 2228 12.5 13.2 4.9 DEC 00-02 5.0 6.6 2230 17.2 4.7 03-05 1.0 5.8 11.2 13.8 .6 2378 10.9 19.4 7.5 . 5 24.5 06-06 4.2 1.7 5.3 2431 . 1 . 5 26.4 17.2 09-11 4.3 6.7 11.8 11.8 11.2 4.7 5.7 8.7 . 5 • 1 19.3 2427 11.4 12-14 . 2 2432 18.4 15-17 5.1 .7 5.4 11.1 11.2 8.3 • 3 • 3 . 2 . 9 • 2 2389 11.9 • 3 17.6 18-20 ٠ĺ 5.2 10.3 6.4 4.4 17.5 2384 5.1 •0 11.4 13.5 5.2 21-23 1.0 5.6 TOTALS 7.2 19.7 18899 11.3 14.0 4.8 5.7

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

である。 「日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本ので

** MEATHER CONDITIONS

ATMUSPHERIC PHENOMENA

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FORT LEAVENWORTH KANS/SHIRMAN AAF 46-53, 62-72

ALL

STATION

STATION NAME

PEPCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.9	20.7	6.8	23.4	•3	35.5	32.8	22.4	5.0		45.6	577
FEB		3.1	26.2	7.0	23.7	.4	38.6	38.1	25.4	1.9	.4	47.0	515
MAR		8.1	30.4	3.4	21.7	1.6	42.3	35.1	21.9	3.6	.4	44.6	558
APR		19.8	45.8	•2	3.7	2.4	45.7	33.0	15.7			38.0	540
нач		27.2	46.0		.4	2.3	44.0	35.3	18.6			40.3	566
JUN		33.9	43.1			2.1	40.9	34.7	18.2			39.6	570
JUL		27.4	38.6			,5	35.4	34.8	16.9			38.?	587
AUG		25.1	37.7			•5	33.6	39.0	28.2		•2	44.7	589
SEP		20.9	39.4			•7	35.8	48.4	24.9			52.6	570
BCT		9,9	29.8		1.0		27.4	33.′	17.0			37.4	583
VON		4.1	25.6	.7	10.7	•2	30.7	32 1	23.9	.7		41.7	540
DEC		5.0	23.5	4.3	20.8	•2	35.0	35.5	26.8	2.9		46.9	557
TOTALS		15.3	33.9	1.9	8.8	•9	37.1	3' • 1	21.7	1.2	•1	43.0	6752

USAFETAC POINT 0-10-5(OL A), PREVIOUS EDMONG OF THIS FORM ARE DISOLETE

U S AIR FÜRCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and sumual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, ENOTALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION

".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL

".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH

"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the date blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 55, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Nepth was recorded and punched at various hours during the period available from U. S. operated staticus. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945 at 0800LST
Jan 46-May 47 at 1230GMT
Jun 57-present at 1200GMT

Beginning thru Jun 52 at 00300MT Jul 52-May 57 at 12300MT Jun 57-present at 12000MT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

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FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72

STATION

STATION NAME

YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	HLY AMO	UNTS
PRECIP.	HONE	TRACE	01	02 05	.06-10	.1125	.26- 50	.51-1 00	1 01-2.50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SHOWFALL	NONE	TRACE	0.1 0 4	0514	1524	2534	3 5-4 4	4 5-6.4	6.5.10.4	10 5 15 4	15.5 25.4	25 5-50.4	OVER 50 4	MEASUR- ABLE	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	O. a.	
JAN	59.0	z l`• 5	2.8	4.9	2.7	3.7	2. ٤	2.1	• 4					18.9	74A	1.16	4.05	•0
FEB	54.5	26.1	2.7	4.9	3.2	4.1	2.3	1.8						19.0	654	. 39	2.42	TRACE
MAR	55.0	19.5	3.6	6.0	4.0	4.7	4.4	2.4	1.5	• i				26.9	744	2.37	5.63	.25
APR	51.3	16.3	2.9	5.9	4.4	7.0	4.8	4.4	2.7	• 3				32.4	748	3.48	1.25	.74
MAY	51.1	14.3	2.2	7.0	4.0	6.3	5.5	6.0	2.6	• 3				34.6	783	3.94	7.11	.92
NUL	53.4	13.2	1.9	2.8	3.0	5.2	7.0	5.8	6.7	1.0				37.5	774	6.10	10.27	1.5
וחר	61.7	12.4	1.7	3.9	2.6	4.7	4.1	3.5	3.5	.4				25.9	804	3.89	10.15	.3,
AUG	61.4	12.8	2.0	5.6	1.4	5.1	3.7	2.0	4.2	1.0				25.8	806	4.07	9.73	•5
SEP	61.5	10.7	2.6	5.0	2.7	٥.5	3.3	5.1	2.2	.4				27.3	766	3.42	11.24	.7
ост	68.0	11.1	1.6	4.6	1.6	4.4	2.9	3.3	2.1	•4				20.9	800	2.69	14.58	•0
иоч	63.5	16.4	2.1	3.7	3.1	4.5	3.7	17	1.1		• 1			20.1	750	1.86	6.52	•0:
DEC	59,€	19.4	2.6	5.3	2.7	4.7	2.7	1.3	1.6					20.8	774	1.66	4.23	.21
ANNUAL	58.3	16.1	2.4	5.0	2.9	.4.9	3.9	7.7	6.04	. 7	.0			25.5	9155	35.53		

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1.3921 FURT LEAVENHORTH KANS/SHERMAN AAF 38-53, 62-72

24 HOUR AMOUNTS IN INCHES

MONTH!	JAN.	FEB	MAR	APR	MAY	אטן.	JUL.	AUG.	SEP.	ост.	иои	DEC.	ALL MONTHS
38						· i							
39		i	1.99	2.15	.68	1.90	.16	2.51	.71	.33	1.46	•57	
40	1.71	.35	1.34	1.04	1.29	1.30	3.17	2.22	.94	.83	.59	.81	3.1
41	1.08	-12	.53	.74	.93	1.87	.46	3.00	1.09	3.37	,14	1.29	3,3
42	.30	.81	.99	.74	1.86	1.87	1.15	1.22	1.69	2.55	.64	.83	2.5
43	03	52	.36	41	1.56	2.72	2.04	58	08	.87	.45	1.49	# 2,7
44	.17	.52	1.60	2.28	•69	.87	1.58	1.95	1.47	.60	2.00	2.47	2.4
45	•16	.43	1.53	2.60	2,13	1.94	1.32	.61	1.76	.13	,53	1,80	2.6
46	.86	TRACE		į	* .69	2.63	.80	2.56	1.00	1.69	.75	1.72	
47	.58	.31	2.25	2,06	1.22	2.71			2.10	2,25	.65	1.54	2.7
48	.31	•50	4.10	.66	•90	1.82	1.20	2.24	1.13	1.00	1.33	.15	4.1
49	.82	.15	1.18	.80	1.10	3.26	-60	1.09	2.05	2.18	.50	.57	3.2
50	.24	.76	•09	.66	2.05	.69	3.25	1.89	1.00	.50	.17	.75	3.2
51	.58	.52	1.60	2.08	•50	1.68	2.67	2.61	1.91	.59	.40	.26	2.6
52	.11	.15	.76	.90	.84	1.71	1.38	1.04	1.27	•02	.96	1.06	1.7
53	.10	.86	.91	1.40	.81	1,13	.47	.64	.83	• 06			
	* .80	.85	1.16	.42	3.36	1.13	.86	2.67	1.57	1.22	.49	.42	3.3
63	.42	.24	1.49	.30	2.60	2.01	1.62	2.66	•90	.94	.38	.12	2.6
64	• 25	.55	.82	1.32	1.21	1.64	.67	2.79	.81	.02	5.12	.66	5.1
65	1.34	.83	1.03	.80	1.03	2.67	× 2.11	1.18	2.83	.45	.26	1.35	2.8
	* .30			.59	.43	2,89	.43	1.70	1.36	.22	•04	.34	
67	.57	.19	.46	2.46	1.40	1.92	.77	.30	1.88	1.96	.42	.59	2.4
68	.26	.27	.37	1.69	•92	.81	2.47	1.54	1.18	1.82	.95	.91	2.4
69	.74	.12	.88	2.85	1.80	2.07	-67	1.92	.58	1.20	.01	.24	2.8
70	•03	.37	.40	¥ 1.52	1.52	1.06	1.05	1.55	4.29	1.64	.72	1.44	4.2
71	.38	.65	.40	.29	.75	1.38	.87	2.03	.96	1.40	1.92	1.10	2.0
72	• 3 5	•10	1.16	1.09	1.06	2.52	1.84	2.51	1.30	•60	1.33	.58	2.5
MEAN	,500	.424		1.214			1.331	1.753	1.434		.888	.922	2.96
S D	.420	.268	.836	.785		.694	.849	.813	.789	.876	1.031	.594	.76
TOTAL OBS	748	658	744	748	783	774	804	806	766	800	750	774	915

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

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(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN.	FEB	MAR	APR.	MAY	אטנ	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	All
YEAR													MONTHS
38			- 1								1		l i
39			2.83	4.48	1.45	5.43	. 38	4.21	71	.58	2.34	.97	il
40	3.25	1.22	1.79	3.40	4.65	4.13	5.01	7.44	1.79	2.34	3.07	2.01	40.10
41	3.74	.18	1.36	2.69	3.08	5.45	1.37	6.37	4 4 . 69	14.58	.52	1.97	*46.00
42	.33	2.42	1.29	1.76	5.49	4,61	3.50	5.45	3.64	3.72	1.83	1.53	35.57
43	06	.57	67	1.18	4.27	*10.07	7.44	1.26	2.81	1.50	52	2.13	*32.48
44	.37	1.41	3.44	6.64	3.71	2.64	4.58	7.72	2.34	1.13	5.73	4.23	43.94
45	55	.59	5.04	5.83	6.11	7.99	1.77	.68	4.39	.26	.79	2.64	36.64
46	2.23	*TRACE			× .94	7.79	1.67	4.86	3.89	2.42	1.20	1.73	i
47	96	.34	5.63	7.25	5.49	10.18	* 1.36	.57	3.35	4.43	2.10	2.79	*44.45
48	.36	1.28	5.53	.86	2.06	6.74	3.75	2.60	2.34	1.92	1.82	.29	29.55
49	4.05	25	2.51	2.16	3.96	8.41	2.86	2.44	4.24	3.57	.79	1.34	36.58
50	.66	1.16	.25	1.40	7.11	1.56	10.15	6.28	1.81	.75	. 26	.75	32.14
51	.85	.70	3.80	3.42	2.67	10.03	8.48	9.73	6.00	2.29	.97	95	49.89
52	.22	.48	2.92	2.92	4.06	3.49	3.86	3.42	2.03	.02	2.33	1.63	27.38
53	11	2.14	3.66	3.40	2.64	2.07	.55	1.40	.93	¥ .06			<u> </u>
62	* 2.39	2.30	1.39	.74	6.19	3.15	3.64	4.49	5.10	3.08	1.52	.87	*34.86
63_	1.05	. 26	1.80	81	4.53	4.92	2.60	3.43	1.55	1.70	. 82	.28	23.75
64	.50	1.28	2.39	7.04	3.66	9.49	2.40	4.43	1.43	.04	6.52	1.43	40.61
65	2.87	1.49	2.64	1.18	2.76	9.05	* 9.12	3.33	6.78	.53	, 28	2.06	*42.09
66	* .38			2.39	1.06	6.89	2.19	4.88	2.54	.58	.08	.58	1
67	1.16	.30	1.49	6.52	5.60		2.68	.65	4.53	7.58	.55	2.18	43.51
68	.71	.41	1.01	6.49	3.83	2.26	8.12	6.07	1.72	4.14	2.67	1.98	39.41
69	1.24	* .27	1.53	7.01	4.68	10.04	3,52	3.12	1.88	4,29	•01	.71	*38.30
70	•05	.40	.87	* 2.71	4.96	5,31	1.12	3.39	11.24	3.42	1.64	2.26	*37.37
71	.50	1.54	.80	1.21	3.49	3.73	3.30	2.28	4.03	2,57	3.42	2.56	29.43
72	.45	.41	2.22	3.62	3.92	2.82	5.77	5.38	3.03	2.45	4.64	* 1.61	*36.32
													<u> </u>
													Į.
						t distribution of the last of			- Alexander			and a second	
MEAN	1.162			3,484						2.690	1.857		37.290
S. D	1.195	.712				2,954						•900	6.47
TOTAL OBS.	748	658	744	748	783	774	804	806	766	800	750	774	915

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OU)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

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FURT LEAVENWURTH KANS/SHERMAN AAF 38-53, 62-72

STATION NAM

YEAR

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP	NONE	TRACE	01	02- 05	06-10	.1125	.26 .50	.51-1 00	1 01-2 50	2.51-5 00	5 01-10 00	10 01 20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01.04	0514	1.5 2.4	2 5.3 4	3.5.4.4	4.5.6 4	6.5-10 4	10 5-15 4	15.5-25.4	25 5-50 4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25.36	37-48	49-60	61-120	OVER 120	AMTS				
MAL	74.0	17.4	2.6	8.8	2.0	.7	• 2	۰«	• 4					8.5	562	4.6	15.4	TRACE
FEB	73.6	18.6	2.5	2.3	1.6	. 4	• 6	• 2	٤.					7.8	481	3.2	14.0	•0
MAR	75.0	15.9	2.8	3.0	1.3	. ë	• 2	• 6	• 4					0.1	527	4.5	16.1	TRACE
APR	95.7	3.9	• 2				• ?							.4	540	خ	4.3	.0
MAY	99.6	• 2													566	TRACE	TRACE	.0
אטנ	100.0														568	.0	•0	.0
IUL	100.0														587	•0	•0	•0
AUG	100.0														589	.0	.0	.0
SEP	100.0														570	.0	.0	.0
ост	99.5	. 5													583	TRACE	TRACE	• 0
NOV	86.3	9.3	.7	•9	. 6		• 2							2.4	540	.8	5.9	.0
DEC	76.7	14.5	2.5	3.6	.7	1.1	• 5	• 2	•2					8.8	557	4.0	11.4	TRACE
ANNUAL	96.2	6.7	. 9	1.0	. 5	• 2	• 2	.1	.1				·····	3.1	6677	17.4	X	X

1210 WS JUL 64 0:15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB	MAR.	APR.	MAY	NUL	inr	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
38					t								
39													
40						1	1	l					
41													
42					ļ	İ	i	i	ĺ				
43													
44				!			1	Ī					
45													
46	• 5				* .0		•0	•0	•0	•0	TRACE	•2	
47	5.2	4.5		TRACE	0	Q		_ _Q	0	0	TRACE	2	7.
48	6.2	1.8	5.0	.0	•0	•0	• 0	•0	•0	•0	. 1	3.9	6.
49	9.4	1.5	5		0	-0	0	0	•0	0		3.0	9.
50	• 9	TRACE	- 4		•0	•0	•0	•0	•0			7.5	7.
51	4.4			T0 4 6 5	0	-0	-0	<u>Q</u>	0	TRACE		2.9	4.
52	2.2	1.5	7.5		•0	•0	•0	•0	•0	0	4.0	4.0	7.
53	1.0		6.0	TRACE	0	0	-0	•0	.0		Thire		* 6.
62 63		4.0 2.1	• 3	TRACE	•0	•0	•0	•0	•0	•0		2.9	
	3.0	2.2	1.0	0		0	0	•0	-0	- 0		1.0	3. 3.
64 65	3.3	8.3	1.9	•0	•0	•0	. •0	•0	•0	.0	1.5	1.1	8.
66	*TRACE	0.2		TRACE	TRACE	.0	• •0	•0	•0 •0	.0	TRACE	4.9	0.0
67	4.8	1.9	. 3	TRACE	•O	.0	0	•0	.0	TRACE	1 1 1 1	4.3	4.
68	1.7	2.7	TRACE	.0	.0	•0	.0	•0	.0	.6	TRACE	•1	2.
69	7		. 2	.0		0	.0		.0	ő		1.8	1.
70	1.7	TRACE	1.0	4.3	.0	.0	•0	.0	.0	TRACE	TRACE	1.3	1.
71	2.2	4.4	3.2		.0	.0	.0	.0	.0	.0		TRACE	4.
72	2.0		.4	TRACE	• 0	•0	•0	•0	.0	•0	2.2		4. 2.
MEAN	3,03	2.01	2.12	• 26	TRACE	.00	•00	•00	•00	TRACE	.51	2.34	5.2
S D	2,479	2,186	2,611	1.012	.000	.000	.000	.000	.000	.000		2.018	2.33
TOTAL OBS.	562	488 NOTE			566	568 MONT	587	589	570	583	540	557	667

USAF ETAC FORM 0-88-5 (OLI)

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MUNTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

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13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72
STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR.	APR	MAY	NUL	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
38													
39													
40					1	j		ļ					
41													
42 43					1			1					
44													i
45					1	- 1	1	ļ					
46	• 9	* . 0			.0	0	•0	•0	•0	•0	TRACE	• 3	
47	5.4	4.9	16.1	TRACE	0	0		.0	.0	.0		.2	* 26.
48	8.2	3.7	10.1	.0	•0	•0	.0	•0	•0	.0	.1	4.8	26.
49	15.4	1.9		TRACE	•0	.0	.0	•0	.0	.0		4.2	22.
50	• 9		•6	TRACE	•0	•0	.0	•0	•0		TRACE	7.5	9.
51	4.4			4	0	.0	.0	0	•0	TRACE	TRACE	7.5	12.
52	3.2	2.5	13.9	TRACE	•0	•0	.0	.0	.0	•0	5.9	8.4	33.
53	1.0		9.7	TRACE	.0	.0	.0	0	.0	.0			
- L	* 10.8	6.1	.7	TRACE	•0	•0	•0	•0	•0	•0	TRACE	5.6	* 23.
63	8.3	2.1		0	0	-0	.0	0	0	.0		3.0	13.
64	4.5		3.3	•0	•0	•0	0	•0	•0	•0	1.9	2.4	15. * 23.
65 66	4.0 *TRACE	8.5	10.1	TRACE	TRACE	0		•0	•0	.0	TRACE	6.3	+ 430
67	5.6	1.9	2	TRACE	-O	•0	•0	•0	•0		.1	11.4	19.
68	3.8		TRACE	•0	.0	•0	•0	•0	•0	.0		•1	8.
69	7		•3	•0	.0		.0	.0	.0		TRACE		* 5.
70	2.7		1.9	4.3	•0	•0	.0	•0	.0	TRACE	TRACE	2.3	* 11.
71	3.7		7.7	TRACE	.0	.0	.0	.0	.0	.0	1.9	TRACE	27.
72	3.4	4.2	.4	TRACE	•0	•0	.0	•0	•0	.0			* 16.
MEAN	4.57	3.21	4.51	.26	TRACE	.00	.00	•00	.00	TRACE	.84	4.03	18.4
5 D.	3.865		5.486	1.012	.000	.000	.000	.000	.000	.000	1.836	3.271	8.21
TOTAL OBS	562	488		540	566	568	587	589	570	583	540	557	667

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OU)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

13921

FURT LEAVENMENTH KANS/SHERMAN AAF 38-53, 52-72

ION STATION NA

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	<u> </u>					AM	OUNTS (II	NCHES)						PERCENT		MONTHLY AMOUNTS		
PREC:P	NONE	TRACE	01	.02- 05	06-10	1125	.2650	.51.3 00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01.04	0514	1524	2 5.3 4	3.5 4.4	4.5-6 4	6 5 10 4	10 5-15 4	15.5-25 4	25 5-50 4	OVER 50.4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NON!	TRACE	1	2	3	,4.6	7 12	13-24	25 36	37-48	49-60	61-120	OVER 120	AMTS		MEAN	OKENIESI	11.731
ĴAN	57.6	10.7	7.4	٠.٥	4.7	7.4	ن و د	1.5						31.7	741			
FEB	74.0	8.1	8.5	4.7	1.8	2.4	۰٥							17.9	680			
MAR	84.3	4.0	3.7	2.0	1.8	3.4	• t					_		11.8	7.7			
APR	99.3	- 1	2 - 2		. 1									.4	779			
MAY	100.0														805			
אטנ	190.0														780			
JUL	100,0										_				804			
AUG	100.0														806			
SEP	100.0										-				780			
ОСТ	100.0														600			
· NOV	96.5	2.4	• ₺	• 3								_		1.1	742			
DEC	67.1	10.7	7.3	7.1	3.€	3.4	1.3							22.1	763			
ANNUAL	89.9	3.0	2.3	1.3	.9	1.4	د .	.1						7.1	923R			\searrow

1210 WS JUL 44 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB.	MAR,	APR.	MAY	MUL	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
38 39			7	0	0	o	0	0	0	0	0	3	
40	20	5	1	0	0	Ö	0	Ö	0	0	ŏ	2	20
41	8	1	6	0	0	ő	o	ŏ	ő	ŏ	2	i	8
42	2	2	0	0i	0	ől	o	Ô	Ö	0	0	6	6
43	4	ō	4	_0	01	o	o	0	0	- 1	TRACE	5	5
44	1	4	1	0	0	0	0	0	0		TRACE	7	7
_45	3	3	2	0	0	o	Ö	Ö	o	- 1	TRACE	10	10
46	TRACE	Ċ		0	0	0	O	0	0	0	0	TRACE	
47	5	2	6	ol	01	0	. 0	0	ol	0	0	TRACE	. 6
48	6	¢ 3	7	0	0	0	0	0	0	0	TRACE	5	7
49	9	2	TRACE	0	0	0	0	0	0	0	0	4	_ 9
50	1	TRACE	TRACE	TRACE	0	0	0	0	0	0	1	1	1
51	2	TRACE	TRACE	0	0	G	0	0	0	0	TRACE	3	3
52	3	2	9	0	0	0	0	0	0	0	1	2	9
_53	1	TRACE	6	0	o	_0	0	0	0	k 0			
62	* 12	4	4	0	0	0	0	0	0	0	0	4	* 12
63	5	2	TRACE	0	0	0	0	0	0	0	0	2	5
64	4	1	1	0	0	0	0	0	0	0	1	3	. 4
65		8	3	0	0	0	<u> 0</u>	C	0	0	0	1	
66	0	1	0	0	0	0	0	0	0	0	0	6	_ 6
67	5	3	0	0	0	0	0	0	0	0	0	5	5
68	7	2	0	0	O	0	0	0	0	0	0	1	7
69	<u></u>	6		0	0	0	0	0	0	0	0	2	
70	1	1	2	3	이	0	0	0	0	0	0	2	3
	3	88	4	0	0	0	0	Q	0	0	TRACE	TRACE	8
72	2	4	TRACE	0	0	0	0	O	0	O	2	2	4
MEAN	4,5	2.6	2.7	.1		•0	•0	• •0	•0	•0	.3	3.1	
S D			2.824	•588	•000	.000	.000	.000		•000		2.465	3.790
TOTAL OBS	763		775	780	806	780	804	806	780	800	750	774	9324

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (Oti)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

MOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

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EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13921 FURT LEAVENMORTH KANS/SHERMAN AAF 42-53, 68-72

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	-	FE	В	M.A	R	AF	R	M	NY.		UN.	1	υι	A	JG.	5	EP	0	CT.	N	OV.		EC.	ALL MONT	HS
42																										
_43																			ļ.—.		 -					
44																					l		1			
_45		!											↓ —		 		 		ļ -						!	
46												*50			İ		L.	_	Ì		Ŋ			43		
	l4						<u> </u>					*3 6					,	_28						*36		
	NNH*															28			11/4		M		MM	49	NM	4
		35		×32			NNW:					30		_23									5W	48		
			W		SSW							1*27						*26		*31				33		
	SSW						HITH.												NN.M				SW	47	ESE	
	SW		MNN					36			ИМ			41					NNE			41	ŅΝ	34	SSW	6
53	NW	36	AHH	41	55%_	<u>.56</u>	4W_	<u>60</u>	SW	45	VS:	4.45	NIL	*44	<u>55e</u>	_26	<u>554</u>	36	MINA	<u>*31</u>	!		<u> </u>			
08													İ		l		i						i			
69					6*	36	17*	33	33*	34	17	40	28/	26	19/	23	18/	28	18/	37	18/	40	32/	30		
			35/	36	33/	29	21/	30	20/	27	16,	/ 37	35/	50	32/	37	34/	46	18/	31	19/	42	34/	42		_
71 1	34/	35	18/	34	33*	57	34/	43	27/	49	26	48	31/	35	6/	26	18/	38	22/	36	24/	40	33/	34	33*	
72	30/	37	29/	42	17*	36	19/	42	32/	38	24,	/ 30	21/	30	33/	48	18/	31	17/	28	33/	30	23/	41	33/	4
, i																							_			
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1																							<u> </u>			
MEAN	37	.6	38	3.1	4	5,8	4	2,2	4	3.1		39.2] 3	5,3	3	1.1	3	4,2	3	3.7	3	9.7	3	9.7	5	2
S D	6 0	MA													9.	562	6.	47R	13-	401	4	244	6.	665		

USAF ETAC FORM 0-88-5 (OU)

NOTES * (BASED ON < FULL MONTHS)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

											,			THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S	
1 E						~~ _~								1	·
6 2 C	DATA PRI ETAC/US/ AIR WEAT	\F			P		RECTION	QUENCY AND SI OBSER\	PEED			SUR	RFACE	WIN	IDS
Ų.	13921 STATION	_EORT	LEAVE	NWORTH STATION	KANS/	SHERMA		37	53,62	-72	TAN T				LL (E.S.T.)
(_				CON	BITION							
(SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
•		N NNE	1.3	1.9	2.7		i3	1	•0		•0			7.6	8.0
(NE ENE	.3	9 4 8	9 4	1	0	•0	•0					2.7	6.5 6,1 6.3
(ESE SE	1.5		9		0		.0					2,7	7.1 6.8
(SSE S	1.4	2.6 3.3	3.1 4.8	1.3 2.1	.3	0 0	.0 .0 .0	0				8.5 12.5	7.4 7.8 8.6
(sw Wsw	1.5	l_l	1.5	.6	2	0	.0	0				4.9	7.0 6.6
(W WNW	1.4 .5 1.0	.9 .8 .1.6	1.0 1.1 2.4	1.3	0ء 1ء 3ء	0 0	.0 .0	•0	ļ			3,7 2,9 6,7	5.9 7.7 8.5
(VARBL CALM	.8		2.6	1.8	.5			-0	•0			7.6	9.3
(14.8	21.5	28.2	12.9	2.6	.5	•0	0	.0			100:0	6,2
•											TOTAL NUA	ABER OF OS	SERVATIONS		22878
€															

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND O DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENHORTH KANS/SHERMAN AAF MEAN WIND SPEED SPEED (KNTS) DIR. ≥56 7 - 10 11 - 16 17 - 21 N 3.6 9.1 NNE 1.0 ٥ 6,7 ENE .0 E •6 SE 1.4 6.5 SSE 2.0 7.3 (SSW 6.8 SW 6.6 ٥٠ wsw ۵۰ 3,4 WNW .6 9,9 8.6 NW 9.9 NNW VARBL 18.5 100.0 € TOTAL NUMBER OF DESSEVATIONS 18665 C USAFETAC FORM O 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

2 DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 SPEED (KNTS) DIR. 1 - 3 7 - 10 ≥56 11 - 16 17 - 21 22 - 27 28 - 33 48 - 55 N 9, 10.2 NNE 1.0 8.6 NE ٥ ENE ESE 1.3 SE 1.9 SSE 1.0 Ωو SSW 1.4 Ωو SW 1.1 6ء WSW W عا 1.2 3,4 9,5 WNW <u>. 6</u> اعبد 9.2 NW .9 2.0 3.6 NNW VARBL 16.9 CALM 100.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FURT LEAVENWORTH KANS/SHERMAN AAF 37-45-47-53-62-72

					CON	DITION							
					· · · · · · · · · · · · · · · · · · ·								
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	12 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N_	1.0	الأورا	3.9	2.6	8	- 2	0					10.4	9.
HNE	3	9	2.3	1.1	3	•0						4.9	9.
NE	.6	1.0	1.5	. 7	. 1							3.9	7.
ENE	15.	6	. 7	. 2	.0							1.7	7.
E	. 5	. 9	1.0	3	. 1							2.8	7.
ESE	. 4	.7	1.0	6	.1							2.8	8.
SE	. 7	1.7	2.1	1.3	. 2		.0					6.0	. 8,
SSE	. 8	1.7	2.4	1.3	. 3	1	•0					6.6	8,
5	1.0	2.0	4.0	2.7	8		•0					10.6	9.
SSW	2	6	1.3	1.0	3	&	• 0					3.7	10.
sw	7	.7	1.3	.7	. 2	1	•0		<u></u>			3.7	8.
wsw	. 4	. 4	7	2	1	0	• 0					1.9	7,
w	8	8		F	1	0	.0					3.6	7,
WNW	4	. 8	1.5	1.1	. 4	0			L			4.4	9.
NW	. 9	1.6	3.0	2.1	9	• 2	. • 0					8,6	10.
NNY	. 5	1.7	3.2	3.2	1.3	3	, •0					10.4	11.
VARBL													
CALM	$\geq \leq$	><	\times	><	><	><	><	$\geq \leq$	$\geq \leq$			13.9	
	9.6	18,1	31.3	19.6	6.0	1.2	. 2					100.0	7.

TOTAL NUMBER OF OBSERVATIONS

18327

USAFETAC FORM 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	_ FUEL	LIAVE	STATIO	H HANE	SHERMA	N AAF	21	-22107	-12	TEARS				итион
		-					EATHER			 	 -		RUOK	ALL IS (L S.T.)
		-				COP	DITION							
[SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34.40	41 - 47	48 . 55	>54	•	MEAN WIND
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.6	3.1	2.0	. 4	1	0		.0			8.3	9.0
NNE	. 4	1.1	1.9	9	. 2	.1						4.6	
NE	. 5	1.1	1.4	4	1	0						3,6	7.3
ENE	. 2	. 6	.7	. 2	.0							1.6	7.1
ŧ	. 4	1.0		.7		•0						3.4	
ESE	. 4	9	1.4	1.1	. 2	•0						4.1	9.0
SE	1.1	2.0	3.4	1.8	. 4	•0						8.6	8.4
SSE	.9	1.6	2.5	1.7	. 5	•1						7.3	8.8
\$	1.1	2.3	4.4	3.2	7	1	• 0					11.9	
ssw	.3	. 5	1.5	1.5	. 5	•1	• 0					4.4	11.1
sw	1.0	. 6	1.3	1.0	4	• 1	• 0					4.5	9.1
WSW	. 5	. 3	• 6	. 4	. 1	• 0					,	2.0	
W	1.1	. 8	1.1	6	. 2	•0						3,7	7.5
WNW	. 4	. 7	1.0	. 6	2	• 0						2.9	8.6
NW	1.0	1.4	2.3	1.7	. 6	. 2	• 0					7.3	9.6
NNW	. 6	1.3	2.8	2.8	. 9	. 2	•0	•0				8.6	10.7
VARBL													
CALM	$\geq \leq$	\times	\times	\times	$\geq <$	$\geq \leq$	\times	\geq	\times	$\geq <$	$\geq \leq$	13.3	
	11.0	17.7	30.6	20.7	5.5	1.1	•1	• 0	•0			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

18259

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) EURT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-72 SPECD (KNTS) DIR, 1 - 3 7 - 10 11 - 16 17 - 21 28 - 33 22 - 27 48 - 55 ≥56 N 7.6 6.5 NNE NE 1.1 • 0 ENE 1.0 ESE SE 2.6 • 0 • 0 SSE 3.1 •0 5 •0 SSW •0 •0 SW •0 • 0 wsw •0 .0 •0 WNW •0 8.4 NW ٥٠ NNW VARBL 18.4 100.0 6.4 TOTAL NUMBER OF OBSERVATIONS 19137 USAFETAC FORM JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€ 2 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND Ē DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENBURTH KANS/SHERMAN AAF 37-53,62-72 ALL WEATHER SPEED (KNTS) DIR, MEAN WIND SPEED NNE NE 6.0 ENE ESE 8.2 SE SSE 4.1 C \$ SSW ٠O SW wsw WNW NW NNW VARBI CALM 5.9 100.0 TOTAL NUMBER OF OBSERVATIONS 18584 USAFETAC FORM 0-8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

大学 のいままない DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FUPT LEAV THYORTH KANS/SHERMAN AAF 37-53,62-72 ALL WEATHER SPEED (KNTS) MEAN WIND SPEED 1 - 3 11 - 16 NNE ٥٠ NE 3143 ESE SE 2.0 2.3 SSE 1.9 S SSW sw 2.3 WSW w ٥٠ WNW NW NNW VARBL 24.4 100.0 TOTAL NUMBER OF OBSERVATIONS 19383

USAFETAC $_{NC...64}^{FORM}$ 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C DATA PROCESSING BRANCH SURFACE WINDS 2 ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND ; € DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FIRT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 ALL WEATHER C C MEAN WIND SPEED SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 41 - 47 ≥56 17 - 21 22 - 27 28 - 33 48 - 55 N 6. NNE 0 C NE .0 ENE E C ESE 3.3 1.2 SE 10.0 3.5 SSE 10.1 3.5 1.8 1.0 5 C 4.8 4.8 13.0 ssw 1.8 1.6 sw \mathbf{C} WSW 3.3 .8 0 1.3 .4 1.1 6.0 WNW

.0

TOTAL NUMBER OF OBSERVATIONS

19113

25.3

100.0

6.3

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NW

NNW VARBL

CALM

C

0

1

. 8

2 DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 SPEED (KNTS) DIR. 1 - 3 7 - 10 22 - 27 34 - 40 41 - 47 ≥56 NNE NE ENE E ESE SSE 9.9 1.5 3.8 S 2.2 5.4 • 0 SSW <u>8</u> SW wsw w WNW NNW VARBL CALM 100.0 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF	37-53,62-72	NTMON MINOR	
	ALL W	EATHER AND	MOURS (LS T.)	,
	сож	DITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME \N WIND SPEED
И	1.5	1.9	2.5	1.2	. 2	•0						7.3	7.4
NNE	. 5	8	1.3	. 5	.0	0.						3.3	7.7
NE	. 5	.6	. 5	. 1								1.7	5.4
ENE	. 1	.2	.3	1	0							.7	7.1
E	. 3	.3	, 3	• 1								1.0	5.7
ESE	. 4		. 5	. 1	.0							1.7	5.9
SE	1.5	2.3	1.9	. 5	0	•0						6.2	6.1
SSE	1.6	3.4	3.7	1.5	1	•0	•0					10.3	7.2
5	2.3	3.6	5.0	2.1	. 3	•0			.0			13.4	7.5
SSW	. 6	1.0	1.8	• 9	1	•0	•0					4.3	8.2
SW	2.2	1.1	1.5	7	1	• 0						5.7	6.4
WSW	1.3	. 5	.7	. 3	.0							2.9	5.8
*	1.7	1.0	. 9	. 3								3.9	5.2
WNW	- 6	. 7	•7	. 3	.0							2.4	6.6
NW	1.0	1.8	2.3	1.1	. 2	•0						6.4	7.8
WNN	. 8	1.9	2.9	1.4	, 3	1						7.5	8.3
VARUL													
CALM	$\geq <$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\boxtimes	\geq	$\geq \leq$	\geq	\geq	><	21.4	
	17.1	21.8	i	11.1	1.4	• 3	• 0		•0			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

18947

USAFETAC NA 44 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0 **2** DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND () DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FORT LEAVEN ORTH KANS/SHERMAN AAF 37-52-62-72 ALL WEATHER N 1.9 8.0 NNE . 8 •0 6.9 •0 <u>6م</u> ENE E ESE ٠O SE SSE 5 SSW SW مبا • 0 wsw w WNW 9,6 NNW 10.0 VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 18213 USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AFE OBSOLETE

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DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC 2 PERCENTAGE FREQUENCY OF WIND € DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FURT LEAVEN#ORTH KANS/SHERMAN AAF 37-52,62-72 SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 17 - 21 11 - 16 41 - 47 48 - 55 ≥56 22 - 27 28 - 33 NNE NE ENE ε ESE SSE 5 SSW 4,1 2,2 3,9 SW WSW W ٥٠ 2.0 • 0 9.2 8.6 NW NNW 10.6 VARBL 18.8 CALM 6.1 100.0 TOTAL NUMBER OF OBSERVATIONS 18918

USAFETAC $_{\text{NI, 64}}^{\text{FORM}}$ 0-8-5 (QL, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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٤ 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TAND STATION NAME

ALL WEATHER

CONSITION

CONSITION

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	2.1	3.9	2.6	•5	• 1						10-7	8.
NNE	. 5	. 5	1.9	. 9	. 3	•Q						4.1	9.
NE	.7	. 5	. 9	•0								2.2	6.
ENE	. 1	.1	•1	•0								.4	6. 5.
E	5	.4	_ • 2	. 1								1.2	4.
ESE	. 2	.6	_ •5	•1	•0							1.5	6.
SE	1.3	1.7	.9	.4								4.3	5.
SSE	1.3	2.4	220	.3	1							6.1	6.
S	1.9	3.2	3.5	.9	-0							9.6	
SSW	. 5		1.0	. 4	0							2.5	7.
SW	1.7	- 4	1.0	.2	.1							3.3	5.
wsw	8	. 4		1								1.5	4.
w	1.4	. 8	1.2	3								3.7	5,
WNW	. 3	. 7	1.4	. 5								2.9	7.
NW	1.7	1.9	2.9	2.2	.3	•0						9.0	
NNW	.9	2.7	3.9	2.6	,7	• 1	• 1	•0				11.0	9.
VARBL													
CALM	><	$\geq <$	\times	><	> <	\times	\geq		$\triangleright <$		$\geq <$	26.2	
	15.4	18.9	25.5	11.4	2.2	• 3	1	.0				100.0	

TOTAL NUMBER OF OBSERVATIONS

2230

USAFETAC FORM 0-8.5 (IN A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOIS

2 DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENHORTH KANS/SHERHAN AAF 39-53,62-71 0300=0500 SPEED (KNTS) DIR. 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 34 - 40 41 - 47 48 - 55 22 - 27 28 - 33 ≥56 £ 8.8 4.0 9.3 NNE 3.1 NE 6.4 • 0 ENE •0 C ESE 5.6 <u>•0</u> SE SSE 1.7 1.9 6.1 C 5 6.6 SSW SW C WSW 1.1 WNW NW 1.5 NNW VARBL

地西岛广州市内

25.7

100.0

TOTAL NUMBER OF OBSERVATIONS

5.5

2230

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CALM

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2 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND O DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHER IAN AAF 38-53.62-72 0600-0800 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED ≥56 8.6 3.3 NNE 8.3 NE ENE 6,2 SE 1.8 SSE 2.0 2 .2 .4 S 3.4 SSW SW . 8 (wsw .9 ۵ WNW 3,6 10.3 Ć NW 1.5 9.0 NNW VARSL C 23.7 CALM 100-0 C FOTAL NUMBER OF OSSERVATIONS 2360 C • USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72

	-		·		ALL W	FATHER						0900 HOVE) - -
					сон	DITION	·						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	;
N	1.3	2.6	3.3	3.2	6	. 3	• 0					1104	
NNE	. 3	. 7	2.3	1.4	.0							4.6	-
NE	.6	. 8	. 5	. 5		•0						2,5	
ENE	. 1	. 5	. 2	.1	.0							1.0	
E	5	5	• 5							1		1.4	
ESE	. 6	. 6	• 8	. 3								2.4	
SE	2.0	6 2.6	1.9	. 5	2							7.2	
SSE	1.3	1.6	2.5	1.0	. 1						(——— i	6,6	
S	1.3	2.3	4.9	2.1	, 2							10.7	
ssw	, 5	9	1.7	1.0	.3						(4.3	
sw	6.	**	1.5	1.0	. 2	•1				ļ		4.0	
WSW	. 3	. 7	. 8	. 3	. 1	•0	• O					2.3	
w	. 5	. 9	1.0	. 2	.0							2.7	
WNW	1	. 5	1.4	7	1	. 2		•0				2,9	
NW	. 8	1.8	3.9	2.7	. 6	• 1				i		9.9	
NNW	1.1	2.4	5.0	3,9		• 1						13.1	_
VARBL											į P		
CALM	><	$\geq \leq$	$\geq \leq$	\mathbf{X}	\times	\mathbb{X}	>>	$\geq <$	$\geq <$	><		13.1	
			20 -	• 6	3.	4							_

TOTAL NUMBER OF OBSERVATIONS 2382

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0 6-5 (QL, A) previous editions of this form are obsolete

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF	38-53,62-72	ИА <u></u>
	ALL WE	ATHER	1200-1400 HOURS (LS.T.)
	CONDI	TION	

SPEED (XNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	2.0	3.9	2.5	1.0	. 2	•0					10.6	9.8
NNE	. 3	.8	1.4	1.1	3	• 0						3.9	9.7
NE	. 7	8	1.3	5	. 0							3.3	7.3
ENE	. 3	. 3	3	0								1.0	6.0
E	.3	. 5	5	- 1								1.4	
ESE	. 3	. 7	. 6	-4							1	2.0	7.2
SE	1.4	2.1	2.3	. 4	. 2				T		!	6.4	
SSE	. 61	2.1	1.7	1.0	1							5.6	7.5
S	.7	1.5	4.7	2.4	. 4					1		9.7	9.3
SSW	, 3	1.4		1.7	. 2							6.5	9.1
sw	.4	1.2	3.1	1.0	. 2	• 1	• 0					6.0	9.1
WSW	. 3	. 9	1.4	.7	, 3		•0			I	T	3.6	9.0
w	. 4		1.8	. 4	. 0							3.6	7,7
WNW	. 4	. 6	1.7	1.2	. 3	• 1						4.2	9,9
NW	.9	1.7	4.7	3.1	. 8	2	• 0					11.5	10.0
NNW	. 5	1.9	4.7	4.5	1.4	• 2	• 1		1			13.2	
VARBL									1	I	 		
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq	\geq	\geq	7.5	
	8.8	19.4	37.0	21.0	5,2	. 8	. 3					100.0	8,5

TOTAL NUMBER OF OBSERVATIONS

2382

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	_ EDRY	LEAVE	NWORTH	KANS/	SHERMA	N AAF	38	-53,62	-72	TEARS				JAN
		بيخ				Vrr A	EATHER		*					0-1700
						CON	DITION							
	SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	2.1	4.5	2.4	. 8	- 2						11.0	9,4
	NNE	. 7	. 9		1.1	. 3	0				i		4.8	8.8
	NE	. 5	. 8	1.3	.3	.0	• 1					!	3.1	7,6
	ENE	.3	. 2	.3	• 0					ļ		1	.9	5,4
	E	.6	.6	. 5	• 2) ————————————————————————————————————	i	 	1	2.0	6.0
	ESE	. 3	. 9	• 6	• 3								2.1	6.0
	SE	1.3	1.5	1.6	, 9	. 2							5.5	7.2
	SSE	, 9	1.5	2.1	.9	• 0						1	5.4	7.4
	S	1.2	3.6	4.0	1.8	.1							10.7	7.7
	SSW	,6	1.7	2.2	1.1	.1							5.8	8.0 6.9 7.0 6.9
	sw	1.0	1.5	2.1	, 4	, 1		•0					5.2	6.9
	WSW	,6	. 8	1.0	. 3	.0							2.7	7.0
		1.0	1,3		.6	.0							4.5	6.9
	WNW	, 5	.8	1.7	. 8	. 2		·					4.0	8.5
	NA	1.1	2.0	4.5	2.6	.7	•0				<u> </u>		10.9	9.2
	NNW	.4	2.0	4.4	4 3	1.0	. 3	.0		<u> </u>			12.3	10.7
	VARBL	<u></u>		Ļ						<u></u>	ļ,			
	CALM	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	9.1	****				
	1	1 . 2 2	33.3	34 0	10 1	2.4				ł	·)	100.0	7 4

TOTAL NUMBER OF OBSERVATIONS 2381

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVEN GORTH KANS/SHERMAN AAF 39-53,62-72

					ALL W	EATHER MS						_180s	٥
	_				CON	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	1.5	2.4	2.8	2.0	.7	• 1						9.5	Ī
NNE	. 3	9	1.9	1.0	. 2	• 0				ii		4.3	Γ
NE	. 8	. 5	.8	.2	• 1				i			2.3	r
ENE	.3	. 3	.4	.1					i			1.1	ľ
E	. 5	. 5	•9	• 0						†		2.0	ľ
ESE	.3	.6	.5	. 3						ii		1.7	ľ
SL	1.4	1.5	1.0	.4	.1	•0						4.4	
SSE	1.6	2.4	1.7	.3	-1							6.1	Ì
S	2.1	3.5	3.7	. 9							ı	10.1	ĺ
SSW	.6	. 6	1.1	. 3								2.8	ĺ
sw	1.9	1.4	1.0	.1								4,3	
WSW	1.1	1.1	5	1								2,8	ĺ
W	2.5	1.7	1.2	. 3								5.7	ĺ
WNW	. 5	1.3	1.2	.3	0	•0		<u> </u>				3.3	ĺ
NW	1.9	1,B	3.0	1.5	. 2			ļ	<u> </u>			8.4	l
VARBL	.8	2.5	3.8	2.6	9	• 2				!		10.5	
CALM		> <	\supset	$\overline{}$	>	>	> <	>	>			20.6	l
	18.1	22.9	25.5	10.2	2.3	.4						100.0	f

TOTAL NUMBER OF OBSERVATIONS

2352

USAFETAC FORM 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921	FORT LEAVENWORTH KANS/SHERMAN AAF	39-53,62-72 YEARS	JAN MONTH
	ALL \(\frac{1}{2}\)	ATHER	2100-2300 HOURS (LST.)
	COLO	WIND	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.4	2.2	2.9	2.2	.7	•.0						9.5	8.8
NNE	. 5	. 8	1.8	• 9	. 3							4.3	9.2
NE	.9	. 8	.7	.2								2.6	5.5
ENE	. 2	. 2	• 2	• 1				}				.6	6.5
E	, 5	. 8	• 5	•0								1.8	5.5
ESE	. 5	.6	. 3	.2								1.5	5.5
SE	1.4	1.6	• 7	• 2	• 1	• 0						4.0	5.4
SSE	2.2	2.6		. 7								7.5	
S	2.3	2.5	3.8	.6								9.2	6.3
ssw	,6	9	1.0	. 6	.0							3.0	7.2
sw	1.4	1.3	.6	• 3	.0			i	i			3.6	
wsw	.9	. 5	•6	1							ī .	2.1	5.1
w	1.7	1.0	. 9	.3								3.9	5.1
WNW	5	. 71	1.4	. 3	.0							2.8	7.1
NW	1.7	2.0	2.9	1.9	. 4	•1	•0					9.1	8.2
NNW	1.1	2.5	3.5	2.8	.6	• 3	•0					10.9	
VARBL													
CALM	$\geq \leq$	$\geq \leq$	\times	\times	\times	\ge	\times	\geq	\geq	\geq	><	23.6	
	17.8	20.8	23.7	11.1	2.4	. 4	-1					100.0	5,5

TOTAL NUMBER OF OBSERVATIONS

2348

USAFETAC $_{\text{AR}-64}^{\text{FORM}}$ 0-8-5 (OL A) previous editions of this form are obsolete

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71

	_												
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 • 33	34 - 40	41 - 47	48 - 55	≥56	*	Γ
DIR.								<u> </u>					L
N	1.6	2.7	3.9	2.5	- ,4	2		ļ	ļ	<u> </u>		11.3	Ļ
NNE	- 4	9	1.9	كع	2			<u> </u>		<u> </u>		3.9	
NE	7		l.l	2	1							2,6	L
ENE			• 4									.9	Ĺ
E	5	4	.6	3								1.8	L
ESE	2	6	1.0	6	1			İ		<u> </u>		2.4	Ĺ
SE	2.0	2.0	1.4	4	1					ii		5.9	Ĺ
SSE	1.2	2.3	2.1	.6		• 1						6.3	Ī
5	1.8	2.1	2.7	. 9		• 1						7.5	Γ
SSW	.9	1.0	1.2	. 2		• 1						3.3	Γ
sw	.9	. 4	•6	1	. 3							2.2	Γ
WSW	. 8	. 2	. 4	. 2		• 1					,	1.6	-
w	1.0	. 9	.9	.4	-1					i		3.3	
WNW	.9	1.3	1.2	. 3								3.7	Γ
NW	. 7	1.7	2.6	1.6	. 8	• 1		•1		 		7.5	٢
NNW	1.3	2.6	3.1	1.4	. 4			•1				8.8	-
VARBL													Γ
CALM	>	>		$\overline{}$	>	$\overline{}$	>		\sim		\leq	27.1	Γ
	<u>ح</u> ے ک				2' 2		\longrightarrow	\leq			\leq	100.0	ı

USAFETAC FORM Q 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

921	EUR	LEAVEN	WORTH STATION	KANS/	SHERMA	N_AAF	39	53,62	-65,67	=71	-			EB.
						ALL W	EATHER.						O300)=0500 (LST.)
						сом	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ī	N	1.6	2.2	4.4	1.9	3	.2			· · · · · · · · · · · · · · · · · · ·			10.6	8.1
	NNE	. 6	1.3	1.4	3	2							3.8	8.1 7.6
	NE	4	. 7	1.5	. 3								2.9	7.2
Ĺ	ENE	. 3	. 3	.3	. 2					ļ			1.0	6.7
	E	.7	. 7	.5	3								2.2	6.1 8.1
L	ESE	.6	- 4	1.4	. 4	2	1						3.0	8,1
Ļ	SE	1.7	1.8	. 9	3	1							4.8	5.6
L	SSE	1.5	1.6	1.5	. 4				<u> </u>				5.0	5.8
L	S	1.7	2.5	2.5	8		1						7.5	6.4
L	SSW	6	1.1	<u>_ī.il</u>	3	1							3.0	6.7
Į.	SW	1.0	7	. 9	. 5	2				<u> </u>			3.3	7.1
	WSW	3	4		1				<u> </u>				1.1	6.0
L	w	6	امند	1.2	2				<u> </u>	<u> </u>			3.0	6,2
Ļ	WNW	. 8		1.4	. 2	1			<u> </u>	ļ <u> </u>			3,6	6.2
Ļ	NW	. 9	2.1	3.1	2.2	. 5	1		<u> </u>				8.8	8.9
L	NNW	4	2.0	3.1	2.3	8	2		<u> </u>	<u> </u>			8.8	10.1
Į.	VARBL								Ĺ	L				
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\searrow	27.6	
L		13.5	19:9	25.7	_10.5	2:3	6						100:0	5.4
										TOTAL NU	ABER OF OBS	ERVATIONS		1941

USAFETAC $_{
m JUL~64}^{
m FORM}$ O 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		LELBUCE	STATION	HANE	2111 17:141	<u> </u>		-3.78.75	1	YEARS				IONTH
						ALL W	EATHER						<u> </u>	0=0800
													ROUL	. (L.3.1.)
						cox	DITION				_			
		_												
ı	SPEED	<u> </u>		· ₁	<u> </u>				Γ	Γ	г –		<u> </u>	MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
į	N	_1.5	2.5	3.1	1.9	. 5	. 3			<u> </u>			9.9	8.4
	NNE	. 5	. 8	2.3	1.0	.0	0						4.6	8.
I	NE NE	. 6	. 8	.7	. 5	.0							2.6	
	ENE	1	.5	. 6	. 0								1.2	6.7
İ	E	5	. 6	• 6	. 3								_2.0	6.6
	ESE	. 9	.7	1.0		.0							3.1	6.0
	SE	1.9	1.7	2.0		. 1							6.C	6.0
	SSE	2,5	2.3										6.9	6.0 5.
	S	1,4	3.0	3.0		.0							8.4	6.
1	ssw	. 3	. 8										2.0	
l	sw	. 8		• 8	.4	. 1	• 0						3.0	6.4
	wsw	. 3	. 5	.7	. 3								1.7	7.
İ	w	1.0	1.2	1.0		.0	•0						3.7	6.3
	WNW	, 5	• 7	1.5	. 3	1							3,2	7.0
i	NW	1.0	1.8	3.5	2.1	. 3	• 1						8.8	8.
I	NNW	8					• 3						11.6	
	VARBL													
	CALM	$\geq <$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\geq	\geq	$\geq \leq$	\geq		21.5	
		0	3. 4	24 **		2.0							100'0	4

TOTAL NUMBER OF OBSERVATIONS 2131

USAFETAC FORM 0 8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC 2 PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERNAN AAE 37-53,62-72 Û 1 SPEED (KNTS) DIR. MEAN WIND SPEED 17 - 21 O NNE NE ENE ESE SE SSE 5 ssw ناء2 SW WSW w WNW NW 2.6 12.1 WMM VARBL CALM 100.0 8.1 TOTAL NUMBER OF OBSERVATIONS

UJAFETAC FORM 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921	_ FUR	T LEAVE	NW TRTH	KANS/	SHERMA	N AAF	37	<u>-53.62</u>	=72	TEARS				FFB
						ALL W	EATHER						120 HOUR	0-1400
		_				cox	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.6	1.6	3.7	2.5	1.2	.4	•0					9.9	10.7
	NNE	. 5		2.9		. 4					i		6.7	9.7
	NE	. 5	1.1	1.2	. 4	.0							3,2	7,2
	ENE	-1	. 5	.5	0								1.1	6,6
	E	. 3	6										2.1	7.5
	ESE	.7	. 9	1.8	. 6	.0							4.1	7.6
	SE	1.0	1.9	2.3		.1	• 0						6.3	7.3
	SSE	.3	1.4			0							7.0	9.4
	\$. 5	1.3	4.0	2.6	. 2	• 1		•0				8.7	9,8
	ssw	2	9	2.5	1.2	.6							5.5	10.0
	sw	. 3	. 8		1.1	. 3	• 1						4.4	9.6
	wsw	. 2	. 8	1.7	• 6	. 3	• 0						3.7	9.4
	w	4	1.5	1.9	1.0	- 1	-1						5.0	8,5
	WNW	.2	1.4	2.2	. 8	. 1							4.8	8,4
	NW	. 5	1.7	4.0	3.4	9	2						10.8	10.4
	NNW	.6	1.2	4.6	4.6	1.3	. 4	•0					12.8	11.5
	VARBL	L	<u></u>											
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.9	
	í	ii	ا . ٠ ـ ـ ا		i						1	1 1	!	

TOTAL NUMBER OF OBSERVATIONS 2156

USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WEATHER 1500-1700 HOURS (LS T.) SPEED (KNTS) DIR. ≥56 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 48 - 55 N 10.5 10.2 4.2 NNE NE ENE ESE 8.6 1.6 SE 6.0 SSE SSW مد 1.9 1.6 wsw w 1.4 8,4 WNW 1.7 NW 5.0 3.0 9,5 NNW 13.3 VARBL 5.6 CALM 100.0 8.6 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 9.8.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	2.5	2.9	2.1	, 7	• 2						9.8	
NNE	. 5	1.2		. 9		1						4.7	8.2
NE	.6		1.5	.4	.0							3.8	
ENE	.4	.6	.7	• 1								1.9	
E	.4	1.2	•6	• 2	-1							2.6	
ESE	.4	.7	1.1	. 3	• 1			İ				2.6	7.
SE	1.0	1.7	1.9	.4	0							5.1	6.6
SSE	1.0	1.7	2.4	. 4				I				5.4	
\$	1.7	3.6	3.2	1.0	0							9.5	
ssw	. 9	1.0	•9	•1		• 0						2.9	
sw	1.5	1.1	. 9	.1								3,6	
WSW	.9	. 9	.4	•1		• 0					· _	2.3	5.
w	1.6	1.2	.4	. 2								3.4	
WNW	.9	.7	• 7	. 4	.0							2.7	6.
NW	1.2	2.2	3.7	2.0	.1	.0						9.4	
NNW	1.3	2.3	4.1	2.4	.7	. 2						11.0	9,
VARBL								1.					
CALM	>	> <	>>	\times	\times	\times	\supset		\geq			19.4	
	15.5	23.9	27.4	11.1	2.0	. 6						100.0	5.

TOTAL NUMBER OF OBSERVATIONS 2103

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FACTUSAF ALR WEATHER SERVICE MAC

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£ 0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13021	<u>Enr</u>	LEAVE	NIVORTH	KANS	SHERMA	N_AAE	39	-53.62	-72	YEARS				FEB IONTH
		_				ALL W	EATHER						2100	2300
						CON	D.TION							
!	SPEED		<u> </u>	 -				 -		<u>. </u>	1		II - I	MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
	N	1.5	2.0	2.9	2.0	. 4	- • 0						8,8	8.3
	NNE	.6	1.2	2.1	- 7	.1							4.7	7.8
	NE	9	6	1.2	. 3								3.0	6.4
	ENE	.2	. 5	.5	.1								1.4	6.7
	E	.2	.6	.7	. 5								2.0	7.9
ļ	ESE	.3	. 4	• 9	. 3	ية.	• 0						2.1	8.3
	SE	1.1	1.9	1.8	. 3	-0			 	l ———			5.3	6.2
1	3S€	1.3	2.2	2.8	.4						T		6.6	6,2
	\$	1.8	2.8	3.8	. 9	0.							9.4	6.8
	SSW	.6	.7	1.2	. 3								2.8	6.7
1	SW	1.4	.6	.6	. 4						i T		3.0	5.8
	wsw	. 9	. 5	. 4	. 1								1.9	5.4
	₩	1.4	5		2								2.7	4.9
	WNW	. 7	1.0	1.1	. 4	1	•0						3.3	7.3
	NW	1.7	2.0	3.0	2.0	. 4	• 0						9.2	8.3
	NNW	1.5	2 B	3.3	2.3	4		0	1				10.3	8.3
	VARSL													
	CALM	$\geq \leq$	\times	\times	\times	$\ge \le$	\times	$\geq \leq$	\geq	\geq	\geq	\times	23.4	
		15.9	20 5	27.0	1 . 3	1.7	. 2	-0		1			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2107

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL W	EATHER						<u> </u>)=02(
	_				CON	D:T104							
SPEED											·		MEA
(KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIN
DIR.										<u> </u>			SreE
N	1.2	_2.1	3.1	2.0	8		. 0				l#	9.3	9
NNE	2	7	_2.0	1.1	3							4.3	9
NE	.6	1.2	1.4	. 3	3						1	3.7	
ENE	3	7	5									1.5	5
£	.4	9	• 6	.1								2.1	5
ESŁ	. 4	. 5	. 9	- 3							1	2.1	7
SE	.7	1.5	1.6	.7			•0					4.5	7
SSE	1.2	1.9	2.3	. 8	• 2	0					j	6.6	7
S	1.0	3.0	3.6	1.5	3	•0			i		1	9.5	7
ssw	.7	5	1.1	2	1						5	2.6	7
SW	1.3	. 7	1.2	1							,	3.2	5
wsw	. 6		. 5	1	0ب							1.7	6
w	. 6	8	7	3	1						į	2.4	6
WNW	. 7	1.2	1.9	1.2	. 4	• 0						5.5	9
NW	1.4	1.7	2.8	1.6	. 4	-1			L		1	8.1	8
NNW	8	2.0	2.0	2.9	. 6	,1					1	8.3	9
VARBL													
CALM								$\overline{}$				24.6	

TOTAL NUMBER OF OBSERVATIONS 2135

100.0

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	LEAVE	BIATION										-	ONTH
	_				ALL W	ATHER			 -			C300)=05 (La t.)
					CON	BITION				_			
SPEED	_												MEA
(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	*	SPEE
N	1.5	1.7	3.9	2.4		1						10.3	5
NNE	- 4	1.0	1.9	1.0		0						4.4	
NE	. 8	1.3	.9	- 6	. 2	•0						3.7	
ENE	2	.3	.4	1								. 9	
E	. 5	. 8	. 9	0								2.3	(
ESE	. 5	. 5	.7	. 5	•0							2.2	
SE	1.0	2.1	1.5	. 6								5.4	
SSE	1.1	2.3	2.5	9.	•0	•0				 	<u> </u>	6.8	
S	1.5	3.2	2.8	1.5	.2							9.2	
SSW	.4	.5	.7	. 4	.0							2.1	
sw	1.1	. 4	.6	.2						i	i	2.3	
wsw	.7	. 5	.2	1	. 1							1.5	
w	1.1	. 8	.9	.4								3.2	
WNW	.5	1.0	1.5	1.1	, 3							4.4	
NW	1.3	2.2	2.8	1.5	.6	• 1				Ī		8.5	
NNW	.9	2.2	2.4	2.5	.9	.3				 	ii	9.3	
VARBL													
CALM	\supset	> <	> <	> <	$\supset \subset$	> <	> <	> <	> <	$\supset \subset$	>>	23.1	
	13.6	20.8	24.7	14.0	3.1	.7						100.0	

TOTAL NUMBER OF OBSERVATIONS 213

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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36

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF	37-45,47-53,62-72	HAR MONTH
	ALL WI	0600-0500 Moune (C.s.t.)	
	сож	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	4.2	1.8	. 8	• 0	•0					10.5	8.8
NNE	3			9								4.1	9.1
NE	1.0	- 9		. 7					Ĺ			4.4	7.4
ENE	.1	.3	• 3	• 1								. 8	6.9
E		. 9	. 8	. 2								2.3	6,3
ESE	. 2	. 5	. 8	5								2.1	8.5
SE	1.4	2.1	2.9	. 8	. 3							7.5	7.4
SSE	1.5	2.4	3.2	1.5	. 1							8.8	7.4
5	1.6	2.4	2.9	1.8	. 3	•.0						9.1	7.9
ssw	. 2	. 6	. 9	. 4	. 1	•.0						2.1	8.8
sw	.9	6	.7		.0							2.6	
WSW	.1	. 5	. 5	. 3	.0							1.4	7.9
w	. 9		1.1	. 4	• 0							3.1	6,6
WNW	.3	7	1.6	. 8	. 4							3.8	9,4
NW	. 8	2.1	3.6	1.8	. 5	.3						9.0	
NNW	1.0	2.4	2.9	2.5	1.6	. 2						10.5	10.2
VARBL													
CALM	><	> <	><	\times	\times	> <	\times	> <	$\supset \subset$	\supset	><	18.0	
	12.1	19.8	30.2	14.8	4.3	•6	• 0	ora - Tana				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2341

USAFETAC FORM 0-8.5 (OL. A.) PRÉVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 BTATION	FURT LEAVENWORTH KANS/SHERMAN AAF	37-45,47-53,62-72	MAR MONTH
	ALL WE	ATHER	0900-1100 HOURS (L S.T.)
	сон	TTION	
	-		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.6	4.5	2.8	.6	. 3						10.4	10.0
NNE	.3	.7	2.8		. 5							5.7	9.9
NE	. 5	9		. 8	1							3.9	8.3
ENE	,2	1.0	• 9	•1								2.2	6.6
E	. 3	1.1	. 8	• 4	.1							2.7	7.8
ESE	,5	. 5	. 8	. 8	. 2							2.7	8.8
SE	. 5	2.0	2.8	2.5	.4							8.2	9.2
SSE	,5	1.4	2.8	2.4	. 3	2						7.6	9.8
<u>s</u>	.8	1.2	4.3	3.4	1.3	1	• 0					11.1	10.7
SSW	1	- 9	2.0	1.4	. 7		0					5.2	11.0
sw	, 5	. 7	1.8	1.1	, 5	1		<u> </u>				4.8	10.1
wsw			• 9	.4		0		<u> </u>	<u> </u>		<u> </u>	1.6	11.4
w	1	5	2.0	.7	. 2							3.6	9.6
WNW	2	. 5	1.5	1.3	. 3					<u> </u>		3.8	10.9
NW	,3		2.7	2.7	1.3		•0					8.6	11.7
WNW	,5	1.4	4.3	3.8	1.3	. 4	.1					11.8	11.3
VARBL]					<u></u>		Ļ	<u> </u>			
CALM	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.0	
	5.9	15.8	36.5	25.9	8.0	1,7	. 2					100.0	9,6

TOTAL NUMBER OF OBSERVATIONS 2368

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FIRT	LEAVEN	WIRTH STATION	KANS/S	HERMAN	LAAF	37.	45,47.	·53,62	-72			<u> </u>	AR ONTH
						ALL WE	ATHER						_1200 HOURS)=1400 (L.\$ T.)
						CONI	NOITION							
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.3	1.7	4.2	3.1	1.4	• 4						11.1	11.
-	NNE	.2		2.7	1.1	.4	• 1					 	3.4	9,
r	NE	. 3	.7	1.7		2					 	 	3.6	8.
<u> </u>	ENE	.2	.6	1.4	. 3								2.5	7.
<u> </u>	E	.3	.7	1.0	5	.1						 	2.6	8.
r	ESE	. 5	.9	1.2	. 9								3.6	8.
r	SE	.5	1.5	2.7	1.8	. 5							7.0	9.
į.	SSE	. 3	1.0	2.3	1.9	.7	• 2	• 1			<u> </u>		6.4	11.
ſ	S	.3	.9	3.7	4.2	1.6	. 2	. 2			i		11.0	11. 12.
Γ	ssw	.0	. 3	2.2	2.5	.7	.4	• 2					6,2	13.
	sw	- 1	. 8	2.4	1.7	. 3	• 3	• 0					5.6	10.
	WSW	1	- 4	1.2	. 3	. 2							2.3	9,
[W	1	6	1.7	7	2	.1						3,5	9,
	WNW	1	. 5	2.0	1.6	. 9							5.1	11.
	NW	1	9	4.1	2.5	1.6	. 4						9,6	11.
	NNW	.4	1.1	3.6	4.2	1.6	.6	0		L			11.7	12.
L	VARBL	[L		
	CALM	$\geq \leq$	$\geq \leq$	> <	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	2.8	
		3.8	13.5	38.0	28.1	10.6	2.7	. 5					100.0	

TOTAL NUMBER OF OBSERVATIONS 2366

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1302) STATION	EUR	LEAVE	WORTH STATION	KANS	SHERMA	Y AAF	37	45.47	-53,62	-72			. <u></u>	MAR
						ALL W	EATHER AND						1500	0=1700
						сок	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.8	1.4	4.1	3.6		• 3				 	 	10.9	10.3
ĺ	NNE	. 2	1.1	2.9	1.2	.6					·		6.0	9.7
	NE	. 4	. 9	1.9	.9	.0					1		4.1	8.2
	EN?	, 2	. 8	.9	.4	.0							2.4	7.6
[.3	1.3	1.2	. 7	. 1							3.6	8.0
	E' E	. 3	1.2	1.1	, 9	. 2					T		3.7	8.6
	SE	, 3	1.3	1.8	1.7	, 4							5.5	9.6
Į	SSE	. 3	. 7	2.2	1.1	,6	• 2					<u> </u>	5.0	
	5	. 3	.9	3.8	4.3	1.5	• 4	0					11.2	12.1
ļ	SSW	1	. 6	1.4	2.4	.7	5				<u> </u>		5.6	
l l	sw	1	. 8	2.0	1.4	. 3	1					L	4.7	10.1
-	wsw	1	6	1.7	5		0	0			<u> </u>		3.1	9.3
ļ	W	3		2.0	7	3		0		ļ	<u> </u>		4,4	
1	WNW	2	8	1.5	1.3	6	0						4.4	
	NW	5	2	2,9	3.7	1.1	• 3	0		ļ		<u> </u>	9.7	11.5
ļ	NNW	. 3	- 9	4.1	4.4	1.8	5			ļ	 	ļ	12.0	12.2
	VARBL CALM	\geq		\geq	\times	$\geq \leq$	\times	\geq	\geq	\geq	\geq		3.7	
ĺ		4.6	15.6	35.5	29.2	9.0	2.2	. 2					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

236

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_1:1081	LEAVEN	STATION	HAME	THE KIM	<u> </u>		<u> </u>	13102	TEARS				MAR
	_				ALL W	ATHER						_180	2000
					сон	DITION	•						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.1	3.8	2.8	. 8	• 1	•.0					10.8	9.4
NNE	.4	1.4	2.2	1.3	.1							5.4	8,3
NE	.6	.9	1.7	. 8								4,0	7.7
ENE	.2	.7	•7	. 2								1.9	6.8
E	1.0	1.0	1.1	. 3	,1							3.6	6.4
ESE	. 2	1.1	1.4	.7								3.4	7.9
SE	. 5	1.5	1.9	1.2								5.0	8.0
SSE	.6	1.7	2.1	. 9	. 2							5.5	7,9
_ s	1.1	2.6	5.4	2.9	5							12.4	8,8
SSW	. 3	1.0	. 8	.5	.2	1						2.9	8.7
SW	.7	. 7	. 8	.2	. 2		• 0					2.7	7.4
WSW	. 8	4	3	1		. 0						1.7	5,2
W	2.0	1.3	1.1	. 3	1	• 0	0					5.0	5,9
WNW	. 8	1.2	1.0	. 5	3	0						3.9	7.6
NW	1.0	1.4	2.7	1.7								7.7	9.5
NNW	- 4	1.7	3.6	2.6	1.2	. 4	. 0					10.1	10.9
VARBL									1				
CALM		$\geq \leq$	><	\times	><	\times	><	><	$\geq \leq$	$\geq \leq$	><	14.1	
	12.0		30.6	16.9	4.3	.9	. 2					100.0	7,3

TOTAL NUMBER OF OBSERVATIONS 2307

2 DATA PROCESSING BRANCH ETAC/USAP AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) (3) FURT LEAVENWORTH KANS/SHERMAN AAF 37,39-45,47-53,62-72 2100-2300 WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 7 - 10 11 - 16 17 - 21 48 - 55 ≥56 8.8 10.0 NNE 8.7 4.2 NE ENE 6.8 ESE 1.0 SE 5.0 1.8 6.8 1.1 SSE 2.0 5 5.1 8.4 SSW 3.0 SW 6.7 WSW 6.1 .8 w 1.0 WNW 4.2 7.8 8.3 ٥٠ 1.3 8.7 NW 1.3 9.0 NNW 2.6 10.8

20.8

100.0

TOTAL NII ABER OF OBSERVATIONS

6.5

2309

No.

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USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (OL A) previous editions of this form are obsolete

YARBL

> NW NNW VARBL

CALM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21 .	FURT	LEAVE	NWORTH STATION	KANS/	SHERMA	N AAF	39	<u>-45,47</u>	-53,62	-71				PR ONTH
		_			· · · · · · · · · · · · · · · · · · ·	ALL W	FATHER						_OOO(0200 (LEIT.)
						CON	DITION							
1 (SPEED KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
-	N	.9	1.9	3.2	1.6	. 4	l	•0					8.0	8.7
<u></u> ⊢	NNE	. 1	B	1.3	.7					ì			3.1	9.1
	NE	. 8		.8	• 2		1			İ			2.8	5.8
	ENE	.0		. 4									1.1	7.1 8.1 8.4
	E	. 4	. 7	.7	.6								2.4	8.1
	ESE	.4	.7	.9		.0							2.7	8.4
	SE	1.3	1.9	3.5	. 8	1							7.6	7.1
	SSE	1.2	2.2		.9	1							7.4	7.3
	5	1.3			1.3	.1							10.1	7.5
	ssw	. 3	. 5			.0							2.7	8,5
	5W	1.8	. 3			.1	•0						3.2	5.7
	wsw	.9	. 4			•0	• 1				L		2.8	6.8
											l		4.7	5.1

TOTAL NUMBER OF OBSERVATIONS 2149

24.3

5.7

USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0-8-5 (QL A) PAEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVENWORTH KANS/SHERMAN AAE 38-45-47-53-62-71

	_				ALL W	EATHER LASS				_		0300	0500
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	_ 2.1	1.8	. 2	. 1						7.5	7.9
NNE	. 3	. 9	1.1	6	. 1	• 0						3.1	8.5
NE	.6	1.0	1.1	.4	.1							3.2	6.8
ENE	.2	.4	. 4	0								1.1	6,6
Ę	.2	.6	.6	. 4								1.8	7.7
ESE	.4	.7	1.3	.8	• 1							3.2	8.5
SE	1.3	2.0	3.1	. 8								7.1	6.9
SSE	1.2	2.2	2.3	1.3								7.1	7.0
\$	1.5	3.4	4.3	1.2	0							10.5	7.1
SSW	.6	- 4					• 0					2.7	8,6 5,7
sw	1.4	. 6	• 7	. 2	. 1							3.0	5.7
WSW	.4	3	5	0								1.3	5.8
W	2.3	6	_1.1	. 5	1							4.8	5,8
WNW	. 5	1.0	1.3	.4								3,3	7.2
NW	1.6	2.1	2.2	1.1	<u>+1</u>	1						7,2	7.4
NNW	. 5	1.6	2.7	2.1	. 5	• 2						7,5	9.8
VARBL													

TOTAL NUMBER OF OBSERVATIONS 21

2

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	_EOR]	LEAVE	NWORTH STATION	KANS/	SHERMA	N AAF	37	53,62	-72	TEARS	<u> </u>	- 		APR ONTH
						ALL W	EATHER						060	0=0800
						CI	ASS						HOURS	(L.S.T.)
		_												
			= =			COM	DITION							
1														
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN
	DIR.	'''	1.0	/ - 10	" " " "	17 - 21	22 - 27	20 - 33	34 - 40	71 - 7	48.33	-30	~	SPEED
	N	1.6	1.6	3.1	2.0	. 4	1						8,9	8,5
	NNE	-6		1.4	6		• 7						4.3	8,4
	NE	. 6	. 8	1.7	.3	.0						i	3.5	7.2
	ENE	. 3	. 5	.5	• 1								1.5	6.6
	E	. 4		1.1	.3	. 1					<u> </u>		2.7	7.4
	ESE	. 9	1.0	1.2	. 9	, 2				l			4.1	7.8
	SE	2.3	2.7	2.9	1.9	. 2				i	i		10.1	7.3
	SSE	1.5	2.4	3.7	1.4	. 1							9.1	7.4
	S	1.4	2.8	3.9	2.6	, 3	• 1						11.1	8.3 9.8
	ssw	. 3	. 5	1.3	1.2	. 1							3.4	9.8
	sw	. 5	7	1.0	6	1		•0					3.0	8.4
	WSW	. 2	3	. 4	1					i			1.0	6.8
	w	.6	. 5	. 9	. 2	.0							2.2	6,8
	WNW	. 2	. 6	.9	. 6	. 2	0						2.6	9,3
	NW	1.1	1.5	2.7	1.7	. 6	. 3						7.8	9.4
	NNW	8	1.5	3.1	2.0	. 7	0						8.1	9.5
	VARBL								Ļ,	ļ				
	CALM	$\geq \leq$	$>\!\!<$	><	><	><	$>\!\!<$	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	><	16.7	
		13.2	19.5	29.9	16.7	3,2	• 7	• 0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2324

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVENWORTH KANS/SHERMAN DAF 37-53,62-72

					ALL W	EATHER						_090 _090	(L.S.T
					CON	DITION							
SPEED											<u> </u>		ME
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*.	SPE
N	. 8	1.2	4.0	2.7	. 7	•1	.1					9,6	コ
NNE	.4	0	2.4	1.2	4	0				<u> </u>	<u></u>	5.4	
NE	3	1.2	1.8	5						<u> </u>	<u> </u>	3.8	
ENE	.3	6	.7	1	.0					<u> </u>	<u> </u>	1.8	
_E	- 4	.9	1.6	1.0	.1					<u> </u>		4.1	
ESE	4	0	1.9	1.2	.7	0						4.7	
SE	1.0	2.2	4.6	3.0	.7	•1						11.6	
SSE	6	1.7	3.1	_2.3	. 9					<u> </u>	<u> </u>	8.6	
S	4	1.5	4.4	4.5	1.5	2	0					12.5	1
ssw	0	4	2.0	2.4	. 8	• 2	•0					5.9	1
SW	0	5	2.0	2.0	. 5	1				<u> </u>		5.1	1
WSW	1	2	.6	6	. 3	1						1.9	
w	1	6	1.2	. 9	2	1						3.0	
WNW	1	3	. 9	8	. 4	.0				L		2.5	_1
NW	. 3		2.0	1.9	. 8	. 3	.0					6.5	1
NNW	. 3	1.0	3.3	3.5	1.3	• 2	• 0					9.6	1
VARBL													
CAUM	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	\mathbb{X}	\times	$\geq \leq$	\times	\geq	$\geq \leq$	3.5	
	5.5	15.4	36.4	28.4	8:9	1.7	. 3					100.0	1

TOTAL NUMBER OF OBSERVATIONS

234

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

			 		VFF 6	ASS						HOURE	(L.S.T.)
					COM	KOITION							
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	1.4	3.1	2.3		0			.0			R O	10
NNE	. 4	. 8	3.1	1.1	اق	• 0						5.9	9
NE	.3	1.1	2.2	. 3	. 1							4.0	7
ENE	.1	1.0	.7	. 3								2.1	- 6
E	.3	1.2	1.4	1.1	.3	0						4.3	10
ESE	.3	5	15	1.2	. 2	. 1						3.9	10
SE	. 5	1.6	4.0	3.2	. 8	2						10.1	_ 10
SSE	. 3	. 5	2.4	2.6	1.2	• 4						7.3	12
S	.7	.9	3.4	5.7	1.7	• 3						12.8	12
ssw		. 3	2.1	2.7	1.4	• 2						6.8	13
sw	1	. 3	1.8	2.6	1.2	. 3	• Q					6.4	13
WSW	-1	. 2	. 8	8	. 2	• 1						2.2	11
w	2	. 5	. 9	9	3	1						2.8	10
WNW	1	. 4	1.5	- 9	. 4	0						3.4	10
NW	5	. 8	2.2	2.3	. 9		• 0					7.0	12
WWW	2	1.0	3.7	4.5	1.3	3	•0					11.1	13
VARBL								L,					
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	2.0	
	4.7	12.3	34.9	32.4	11.0	2.6	• 1		o			100.0	10
									TOTAL NUM	BER OF OBS	ERVATIONS		22

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STAFFOR	FORT	LEAVE	NWORTH STATION	KANS	SHERMA!	AAF	37	<u>-53,62</u>	-72	EARS				APR_
							EATHER LASS							0=1720
		-				сон	DITION				- 			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
- I	N	4		5 F	2 5								6.4	0.0

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	6	1.4	3.5	2.5	. 6	0			.0			8.6	9.9
NNE	5	1.5	2.4	_1.6	. 3	1						6.4	9.3
NE	. 7	1.2	1.4	6		1						4.3	8.2
ENE	. 2	. 5	1.1	.4								2.2	8,1
ε	5	1.4	1.9	9	. 3							5.0	8.5
ESE	2	1.4	1.4	1.7	3							5.1	9,6
SE	. 4			2.3	. 6							8.3	9.8
SSE	.2		1.7	2.6	. 8							6.0	11.8
S	. 3	. 9	3.8	5.2	1.4	0						11.8	11.7
ssw	1	. 6	1.6	2.4	1.1	. 3						6.1	12.7
sw	3	7	2.4	1.7	1.1	•1						6.4	11.2
W\$W	1	3	. 6	1.0	1							2.1	11.1
W	1	6	1.5	1.3	. 3	1						3.9	10.7
WNW	-1	5	1.0	- 9	2			İ				2.7	10.0
NW	5	امند	3.1	2.6	1.1	5		<u> </u>				8.6	11.5
NNW	1	. 7	3.0	4.2	1.3	3						9.6	12.4
VARBL													
CALM	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	><	2.8	
	5.0	14.7	33.9	32.0	9.9	1.7			٥٠			100.0	19.4

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	_ EOR	T LEAVE!	NWORTH STATION	KVN2\	SHERMA	N AAF	38.	<u>-45,47</u>	-53,62	-72				APR
		-				ALL WI	EATHER.						1800 seven	0-2000
		-				СОМІ	DITION							
	SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.4	2.1	3.8	1.7		0				1		9.5	8.3
	NNE	- 6	1 1 21	1.9	.7	0							4.4	
	NE	.6	1.4	1.3	. 5	-1	- 0						4.1	7.3
	ENE	.4	. 7	.7	. 2	.0							2.1	6.9
	ŧ	.6	9			٥					<u> </u>		3.3	6.9 8.1
	ESE	.6		1.9		. 1	• 0		 				4.9	8.5
	SE	9			1.2	. 5							7.6	8.3
	SSE	1.0	1.6		1.3	. 3				 			6.3	
	S	. 9		5.5	3.2	. 3	•0			l			13.1	8.6
	SSW	.3	. 9		1.1	. 2							3.9	9.2
	SW	2.1	1.0	1.6	.3								5.0	5.8
	wsw	.9	.6	6	. 3		• 0						2.5	6,4
	W	1.2	1.3	9	. 3	1	_ •1						3.9	6.7
	WNW	.3	. 6	8	. 6		0						2.5	8,7 9,2 10,2
	NW	. 9	1.9			.7	•1				T		7.7	9.2
	NNW	.6		2.4	2.5	.6							7.6	10.2
	VARSL												9	
	CALM	$\geq \leq$	\ge	$\geq \leq$	\boxtimes	$\geq \leq$	\boxtimes	\ge	\geq	\geq	\boxtimes	\leq	11.7	
		12.3	21.6	21.2	177	2.8	. 4						100-0	

TOTAL NUMBER OF OBSERVATIONS 2316

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT	LEAVEN	INORTH STATION	KANS/	SHERMAN	V AAF	38-	45,47.	-53,62	-72 FEARS				APR
						ALL :	ATHER	 -		 .			2100 HOURS	0=2300
		_				CONE	DITION							
	SPEED (XNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	1' - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥.56	%	MEAN WIND SPEED
	N	1-1	1 4	2.0	1.1		•0				1		6,0	7.6
	NNE	3	1.2	1.8	8	.0							4.1	8.0
	NE	4	1.1	9	. 2	1							2 B	
	ENE	. 2	. 2	6	- 1	. 0							1.2	7.8
	ŧ	. 5	1.0	1.0	4	c							3,0	7,3
	ESE	. 4	. 7	1.3	100								3,7	9.2
	SE	1.2	2.0	2.3	· · · · · · · ·	2					<u></u>		6.4	7.2 6.9 7.5
	SSE	1.5		1.9	100								6,5	6.9
	5	2.3	3.5	5.0	1.8	. 2	1	-0					12.9	7,5
	SSW	-6	6	1.3	6	2					ļ		3,4	8.3
	sw	1	9	5	- 3	- 1				<u> </u>			3,5	5.5
	WSW	1.1	1.2	4	- 2	. 2			_				2,2	5.0 5.9
	WNW	2.0	1.2	1.0	- 4		0						4,8	4.0
	NW	 	1.9	1.8	1.1	0							3.0 6.6	7 2
	NNW	1.6	1.6	2.1	2.0	5	• 1			 			7.4	
	VARBL	 	<u></u>		60	اد م				 	 	 		7.02
	CALM		> <	> <		$\geq \leq$	> <	$\geq <$	\geq		>	$\supset \subset$	22.4	
		16.9	21.1	24.7	12.3		. 4	•0					100.0	5,7

TOTAL NUMBER OF OBSERVATIONS 224

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53-62-71
STATION MARE

ALL WEATHER
COMMITTION

COMMITTION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.4	1.4	. 2								4.4	5,
NNE	. 5	8	. 8	. 5								2.8	7,
NE	. 2	. 5	• 7	.0								1.4	6.
ENE	. 4	. 2	• 2	• 1								. 9	5
E	. 3	.6	• 7	• 1			i ———					1.7	6
ESE	.3	.7	. 5	. 1								1.7	6
SE	. 9	2.4	1.6	4	. 0	• 1						5.5	6
SSE	1.6	2.5	2.8	1.6	•.0							8.6	7
S	2.3	4.6	4.8	1.4	•0							13.1	6
SSW	3,	.9	1.4	. 5	.1		•0					3.7	7
sw	2.2	1.1	• 9	. 2							i	4.5	5
wsw	1.5	. 5	. 4	_ 1								2.5	4
w	2.7	1.2	. 8	.1	.0							4.9	4
WNW	. 4	. 9		. 2								2.7	7
NW	9	1.3	1.7	. 8							ĺ	4.7	7
NNW	. 5		1.5	.7	•0							4,6	
VARBL													
CALM	$\supset <$	> <	> <	><	$\supset \subset$	> <	> <	$\supset <$	$\supset <$	$\supset \subset$		32.2	
	17.0	21.6	21.5	7.1	<u>,</u> 6		.0					100.0	4

TOTAL NUMBER OF OBSERVATIONS 225

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 FURT LEAVENWORTH KANS/SHERMAN AAE 38-53,62-71

					CON	OITION							
······································											п		
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	1
И	1.8	1.2	2.0	. 5	. 1							5.6	Π
NNE	- 4	.6	1.0	. 3								2.3	Г
NE	. 5	.7	•6	.1	• 0							1.9	匚
ENE	_ 1	. 2	.1									. 5	<u>l</u>
E	.4	. 8	. 8									2,2	
ESE	. 3	.6	7	. 1	. 0							1.8	
SE	. 5	2.3	2.4	. 2	.0		• 0					5.5	
SSE	1.5	3.2	2.7	1.0	. 1							8.5	
s	2.7	4.2	3.6	1.3	. 0							11.9	Ĺ
ssw	.6	. 4	1	1	.0							2.3	<u> </u>
sw	2.1	. 9	. 8	. 3	1							4.2	
WSW	1.1	.7		.0								2.3	_
w	2.7	1.1	9	1		L						4.7	
WNW	.7	1.0	1.1	. 3	,0					<u> </u>		3.2	
NW	1.1	1.4	2.2	6		ا عدا			ļ	<u> </u>		5,5	
NNW	101	1.7	1.6	•7	.0				 			5.2	L
YARBL	 												<u>_</u>
CALM	1><1	><	><	><	><	><	><	><	\sim	><	><	32.4	ĺ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STAFFOR	<u> FOR</u>	<u>LEAVEN</u>	STATION	KANS/S	SHERMAN	ALL WI	ATHER	-53,62	- 72	TEARS				00TH)=0800 (L.s.T.)
		_				сон	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEFD
	N	2.2	1.8	2.5	8.	- 1							7.4	6.3
Ì	NNE	.5		1.3	. 5	1							3,6	7.7
	NE	.9	5	1.0	2								2.6	5,9
	ENE	. 2	4	• 2						<u> </u>			8	4,9
	E	.5	. 8	. 7	.3	1				<u> </u>	 		2.4	6.8
	ESE	. 7	1.0	1.3	. 4								3.3	6,5
	SE	1.5	2.8	3.2	9								8.5	6.9
	SSE	1.5	3.3	3.8	1.6	. 2	• 0						10.4	7.5
	S	2.4	3.3	5.0	2.3	2	• 0						13.1	7.6
	SSW	.5	. 7	1.3	.7	1							3,3	8.2
	SW	1.0	. 7	1.4	. 7	. 2	•0						4.0	7.7
	WSW	- 4	. 4	. 5	. 2								1.5	6,5
	*	9	1.0	1.0	. 1	1							3.1	5,9
	WNW	- 4	. 8	1.0	. 4								2.6	7.5
	NW	6	1.6	2.3	1.3	2							6.0	8.4
	NNW	4	1.4	2.7	1.2	2]			6.0	8.7
	VARBL													
	CALM		$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	$\geq \leq$	21.3	
	!	اسميا	امنتما		ا ا		_	l	ı	l	1		ام نممد ا	* 0

TOTAL NUMBER OF OBSERVATIONS

2453

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FUR	L LEAVEN	WORTH STATION	KANS/S	HERMAN	1 AAF	37.	53,62	-72	TEARS			- - 1	1AY
					Vrr Al	ATHER	····		·	_		0900 HOURS) = 110 (L \$. f.)
					CONT	PITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.8	3.3	1.7	2	• 0						8.0	8.
NNE	.5	1.4	2.6	1.0	:0							5.6	8.0
NE	1.0	1.2	1.3	2								3.8	6,3
ENE	, 3	.7	• 7									1.7	6 . 2 5 . 9
E	.5	.9	1.2	5								3,1	7.0
ESE	, 4	1.1	1.8	. 9	1							4.2	8,6
SE	1.2	2.2	3.7	2.6	. 2	1						10.1	8,
SSE	1.1	1.5	3.3	3.3	.7	1				<u> </u>		10.0	9.0
s	7	2.2	6.1	4.5	9	1					<u> </u>	14,4	10.0
ssw_	2	.8	2.7	2.4	ين	1			<u> </u>			6.5	10.3
SW	.4	,9	2.8	1.3	. 7		.0		<u> </u>	<u> </u>		6.2	9.7
WSW	- 1	. 8	1.1	. 7	, 2						<u> </u>	3.0	9.1
w	3	8		5		0			ļ			2.8	7.9
WNW	2	.5	1.3	3	 ;				ļ	 	<u> </u>	2.3	
NW_	. 3		3.1	1.4	- 4	1			 		 -	6,1	9.9
NNW VARBL	4	1.1	2.6	1.9		<u>•0</u>			 	 		6.7	10.0
CALM		> <	>		> <	>	>	> <	\supset			5.5	
	8.7	18.6	38.8	23.3	4.3	. 8	•0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 24

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1392] STATION	FURT	LFAVEN	IWORTH STATIO	KANS/S	HERMAN	ALL WE		-53,62	-72	TEARS			1200	AY -1400 (L S.T.)
		_				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.7	1.7	2.9	1.5	. 3	• 1						7.2	8,7
	NNE	. 6	1.5	2.6	8.	.1							5.7	7.9
	NE	. 7	_ 1.4	1.7	. 4								4.2	6.6
	ENE	. 1	ó	.7							1		1.4	6,3
	E	. 5	1.3	1.4	.3	0							3.6	6.8
	ESE	.2	. 9	1.8	6	. 3							3.8	8.8
	SE	. 8	2.3	3.2	1.5	. 2	• 1						8.0	8,3
	SSE	. 4	1.2	2.9	4.3	1.3	3						10.4	11.8
	S	. 7	2.0	5.4	4.9	1.4	• 2						14.6	10.7
	ssw	1	1.0	2.5	2.9	. 7							7.2	11.1
	sw	. 2	. 8	2.9	1.5	. 7							6.1	10.3
	wsw	. 4	. 6	1.3	1.0	3		•0					3.7	9,6
	w	.2	_1.1	1.7	5	1	• 0						3.7	8,3
	WHW	.2	. 7	1.5	1.1	1	•0						3.7	9,2
	NW	. 2	9	2.2	1.3	4	-1						5,3	10.0
	NNW	. 5	1.1	2.2	2.0	. 5	•1						6.4	10.3
	VARBL													
	CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	4.9	
	1								I		1	i		

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

					ALL W	EATHER						HOVES)=170 (L.\$.T.)
					CON	DITION	· ·						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	3.0	1.9	. 4	• 0						8.2	8.
NNE	. 5	1.3	3.2	.6	2	• 2						5,9	8,
NE	1.1	1.3	1.8	. 5	, C					_		4.7	6.
ENE	. 2	. 9	1.1	•0								2.2	6
E	.6	. 9	1.6	.2	. 2							3.5	7
ESE	.4	1.1	1.5	8								3.8	7
SE	. 8	1.9	2.5	1.2	.3							6.7	8
SSE	.6	1.4	3.2	3.4	. 9	• 2	• 2					9.8	10
S	. 9	2.4	5.9	5.1	1.2	• 2	•0					15.7	10
SSW	. 4	. 9	2.4	3.1	, 4	•						7.3	10
s₩	. 4	9	2.8	1.5	. 3							6.0	9
wsw	. 2	. 9	•7	. 4	, 2	•0	•0					2.6	9
w	,4	1.3	1.9	.7	. 2			• 0				4.6	8
WNW	.3	8	1.1	. 9	. 0							3,1	8
NW	. 3	7	2.0	1.6	, 0 2							4.9	9
NNW	.3	_1.1	2.2	1.4	. 7	• ()					i	5.7	9
VARBL										Ļ			
CALM	$\geq \leq$	$\geq \leq$	><	><	><	><	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	><	5.3	
	8.3	19.9	36.8	23.4	5:3	.7	•1	• 0				100.0	8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM THE ORSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	_EOR1	LEAVE	NWORTH STATION	KANS/	HERIIA!	AAF	38	-511 .2	-7 2	TEARS		 -		Y Л У
		-	····			ALL W	ATHER				_		1800 HOURS	0~2000 (L.S.T.)
						сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	72 - 27	28 - 33	34 - 40	11 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.6	1.7	2.1	.7	. 4							6.5	7.5
	NNE	.3		1.3	. 3	. 4					i		3.0	
	NE	.7	1.9	1.0	1					· · · · · ·			3,8	5,6
	ENE	.5	. 8	,4	• 1				i	i			1.8	5.5
	E	.7	1.4	1.0	.2	.1							3.4	6.3
	ESE	.7	1.2	1.2	. 3	ρQ							3.5	6.5
	SE	1.4	2.1	2.4	. 5	.1							6.5	6,5 6,7
	SSE	.7	2.3	3.6	1.5	. 2							8.4	8.2
	5	2.3	4.0	7.0	2.1	.4							15.8	7,7
	ssw	9	9	1.9	•6	1							4.4	7,4
	SW	2.1	1.8	1.5	•6	• 0							6.1	5,8
	wsw	1.1	1.0	.4	-2					<u> </u>			2,7	5.0
	w	3.3	1.3	• 7	.3	0,							5,6	4.4
	WNW	5	1.0	.8	-1								2.6	
	NW_		1.1	1.3	. 7	1			<u> </u>		<u> </u>		4.0	7,2
	NNW	- 0.0	1.2	1.5	5	1					<u> </u>		3.7	7.8
	VARBL	<u></u>							<u> </u>		<u></u> ,			
	CALM		$\geq \leq$	\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$				18.2	
	1	11						i		1		ii		1

TOTAL NUMBER OF OBSERVATIONS 2426

2

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTIO' AND SPEED (FROM HOURLY OBSERVATIONS)

13921 araf;on	FORT	LEAVE	HT HOW	KANS/	SHERMA!	V AAF	38	-53,62	-72	TEARS				AAY
						ALL W	EATHER						2100 HOURS	2300
						сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ī	N	. 8	. 9	2.0	.7								4.4	7.5
	NNE	.5	5	. 9	. 3	1							2.3	7.4
[NE	. 6	7	. 9	- 0	0	• 0						2.3	5.4
1	ENE	-1	,3	. 2	• 1								.7	6.4
Į	E	. 8	1.1	.4	. ?.	• 1		• 0					2.7	6.3
	ESE	3	1.0	. 5	1				<u> </u>				2.0	5.7
	SE	1.8	1.5	1.5	3								5.1	5.7
- 1	SSE	1.4	2.7	2.7	1.5	.1			ļ				8.5	7.4
Į.	S	2.6	4,5	6.7	1.8	-1				ļ			15.2	7.1
ļ	SSW	1.2		. 9	, 5	. 2					ļ	<u> </u>	3.4	6.7
	sw	3,5	1.4	1.0	. 3					ļ	ļ		5.9	4,6
}	wsw	1.4	8	3					ļ	ļ	 		2,5	4.3
ļ	W	3.6	9		1				ļ	ļ	 		4,9	3.6 6.9
}	WNW		7	1.2	2	.1			 	 	 	 	2.7	0.4
ŀ	NWW	1.4	9		6				<u> </u>				4.4	6.5 7.7
}	VARBL	. 5		1.0	4	1	•0		 	 -	 		3.2	
	CAIM			> <	> <	> <	>	> <		>	>	><	29.8	
-		20.7	19.8	21.5	7.2	. 8		•0					100.0	4,5

₹ 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	EOK.	T LEAVE	N. OR TH	KANS/	SHERMA	N AAF	39	-53,62	-71	EARS				JUN
		_				ALL WI	EATHER						_OOO	0=0200 (L s.t.)
		_				сожі	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	5	8	. 4								2,9	6.3
	NNE	- 4	8	7	3	0	0						2.3	7.5
	NE	. 3	9	4	. 2								1.8	6.3
	ENE	3	1	. 2	.0								.7	5.7
	E	. 5	. 9	. 4	1	0							2.1	5,7
	ESE	. 4	. 7	4	.0								1.7	5,6
	SE	1.3	2.2	2.0	.2	. 0							5.8	6.0
	SSE	2.0	4.0	2.9	1.3	. 1							10.4	6,6
	S	3.1	5.1	5.9	1.6	2							16.0	
	ssw	.8	. 9	- 6	. 7	1	0						3.2	7.8
	sw	2.6	7	6	2								4.1	4,4
	WSW	. 8	. 5	2	. 2								1.8	5,2
	w	2.5	4	. 3	. 4								3.7	4,4
	WNW	. 3	- 4	. 6	. 1	1							1.4	<u>7.5</u>
	NW	1.1	1.4	1.1	. 3		• C						4.0	6.1
	NNW	.7	1.4	1.3	. 4	. 2	.0						4.0	7.3
	VARBL													
	CALM	$\geq \leq$	\ge	\ge	X	\times	><	$\geq \leq$	\times	\mathbb{X}	\geq	$\geq \leq$	34.1	
		18.4	21.1	18-6	6.7	1.0	. 2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2223

€ 2

SURFACE WINDS

0300-0500 HOURS (L S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53-62-71

40426

					CON	DITION						
	-										 -	
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	1.6	1.3	1.4	.3	0	•0						4,6
NNE		9	7	2	.0							2.4
NE	7	- 4	.4	0								1.6
ENE	2	2	. 4	0								. 7
E	6	6	.7	3	<u> </u>				İ	<u> </u>		2,0
ESE	3	4	6	2						l		1.5
SE	1.9	2.8	2.3	. 2						L		7,2
SSE	1.9	4.1	3.5		0مـ		- 	<u> </u>	<u> </u>			10,6
\$	2.6	4.6	5.2	2.0				<u> </u>		ļ		14.4
ssw	1.0	7	0	7	0			ļ			ļ	3,4
5W_	2.5		1	2	ļ					i		400
wsw	8	6	4	1	L				<u> </u>	<u> </u>		2,0
w	2.3	6	4					ļ		ļ		3,6
WNW	3	4	8	3				ļ	ļ	<u> </u>		101
NW	-7	1.4	8	3	ļ ,				ļ	<u> </u>	ļi	3.7
NNW	1.0	1.6	1.1	- 4	0				<u> </u>	ļ		4.
VARBL	 				L			k	Ļ	<u> </u>	L	

TOTAL NUMBER OF OBSERVATIONS

2285

USAFETAC $\frac{\text{FORM}}{\text{RR-}64}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	EURI	LEAVEN	WORTH STATION	KANS/	SHERMA!	AAF	37.	53.62	-72	EARS			. <u></u>	JUN
						ALL WI	ATHER						O600)=0800 (L.s.T.)
		_				сон	DITION				-			
İ	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.8	2.3	1.4	. 5		i						6.0	5,9
	NNE	. 5	9	1.1	6								3.0	7.3
	NE	_1.6	. 7	7	3								3.3	3,3
	ENE	. 2	.6	. 3	1								1.1	6.0
	E	-6	. 8	• 7	. 2								2.2	_ 5,8
	ESE	. 4	1.0	1.0	6								3.0	7,6
	SE	2.5	2.7	3.5	1.0								9,6	6.5
	SSE	1.9	4.2	4.6	1.4		رب						12.4	7.0
		2.1	4.2	6.8	2.6	2							15.9	
	ssw	8	9	1.5	1.0	1	0				<u> </u>		4.3	8.3
	SW	1.2	1.3	1.4	. 5	0					<u> </u>		4.5	6.5
	wsw	5	2	3	4								1,5	7.9
	w	. 7	5	1.0	1								2.3	6.0
	WNW	3	6	5	3		0						1.7	7.9
	NW_	1.0		1.5	3	0							4.4	6.3
	NNW	5		1.4	6	1							4.3	7.1
	VARBL		- 					~>					2011	
	CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq >$	\geq				20.4	
		16.6	24.0	27.5	10.4	. 9							100.0	5,5

TOTAL NUMBER OF OBSERVATIONS

226

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 station	FOET	LEAVEN	WORTH STATION	K'NS/	SHERMAL	N AAF	37.	53,62	-72	/EARS				JUN ONTH
						ALL WI	ATHER	<u> </u>			_		(19 O ()=1100 (L\$T.)
						сон	DITION							
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
ŀ	N	, ,	1.4	2.3	. 8								5.7	7.2
f	NNE	- 5	1 3	1.8	. 4	.0							4.1	7.1
į	NE	.7	.9	. 9	.1	.0							2.7	5.9
Ţ	ENE	.3	. 5	• 7	- 1								1.6	6.5
Ì	E	. 7	1.0	1.3	. 3								3,4	7.0
ļ	ESE	. 7	1.1	1.5	.4								3.7	6.9
	SE	1.8	2.5	4.1	2.2		• 1	-					10.9	8.0
{	SSE	.9	2.1	4.7	2.4	. 3	•0						10.4	8.9
ĺ	S	1.1	3.8	8.3	4.7	. 6	• 0						18.5	9.1
	SSW	.3	1.5	4.6	1.9	. 3							8.6	9.2
[SW	.7	1.7	3.0	1.3	. 3							7.0	8,4
	WSW	3	8	. 9	- 4	.4	- 0						2.9	9.1
	w	6	8		5		0						2,9	7.4
1	WNW	2	اهب	ائما	3				<u> </u>				1.7	7.6
1	NW	. 3	8	2.0	6	1				l			3.8	8.1
ļ	NNW				1.2	1							4.7	8.4
ļ	VARBL								Ĺ.,	<u></u>	<u></u>			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	><	><	7.2	
		10.8	22.2	39.4	17.5	2.0	. 3						100.0	7,6

TOTAL NUMBER OF OBSERVATIONS 236

USAFETAC $_{
m JU-64}^{
m FORM}$ 0 8-5 (QL A) previous editions of this form are obsolete

FORT LEAVENWORTH KANS/SHERMAN AAF

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WIN: SPEE
N	.7	2.8	3.2	- 8				<u> </u>				7.6	7
NNE	. 6	1.3	1.5	. 8	.0							4.2	
NE	. 6	1.1	1.3	- 4								3.3	6
ENE	. 3	.7	• 3							l		1.4	5
E	.7	1.0	1.0	. 3	. 1							3.1	6
ESE	. 8	1.2	1.4	.7								4.2	7
SE	.9	1.6	3.8		. 2	• 0						9.0	
SSE	. 8	1.6	4.4	3.0	.4	• 0						10.2	9
S	. 8	3.0	7.4	7.1	1.4	• 1						19.8	10
ssw.	. 3	1.1	3.5	2.4	.3	• C						7.7	9
SW	. 5	1.6	3.1	1.8	. 5							7.6	9
wsw	4	. 9	1.1	. 5	. 2							3.1	8
w	. 5	_1.1	1.2	. 3								3.1	6
WNW	- 1	. 5	. 5	.4	.0							1.6	
NW	. 4		1.5	. 7	. 2							3.8	3
WMM	. 4	.7	2.5	1.1	. 1					i		4.8	- 8
VARBL												1	

TOTAL NUMBER OF OBSERVATIONS

2367

USAFETAC $\frac{\text{FORM}}{2R-64}$ 0.8.5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

₹ 2 DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FIRT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED (NNE C. NE مَعَة ENE ESE C SF SSE \$ \mathbf{G} 10.0 ssw .6 SW 6 و 8.0 C WSW w 6.7 5.6 7.9 7.8 WNW 0 NW ٥٠ NNW VARBL C 8.1 100.0 TOTAL NUMBER OF OBSERVATIONS 2363

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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0 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENHORTH KANS/SHERMAN AAF 38-53.62-72 1800-2000 ALL WEATHER C C SPEED (KNTS) DIR. MEAN WIND SPEED C NNE NE ENE ESE SE 8.3 5 SSW $\frac{1}{2}, \frac{1}{7}$ SW WSW 2,2 WNW NW NNW VARBL 20.8 100.0 5.4 TOTAL NUMBER OF OBSERVATIONS 2343

0 2 DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND O DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) EART LEAVENWARTH KANS/SHERMAN AAF 37-53,62-72 13921 C MEAN WIND SPEED SPEED (KNTS) DIR. ≥56 N NNE ENE Ε ESE • 0 SE 1.9 SSE 3.8 ۵ 5 4.8 55W <u>3 نو</u> • 4 SW wsw WNW .4 VARBL 31.8 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS 2273 USAFETAC $\frac{\text{FORM}}{\text{AU, 64}}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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€ 2 DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-71 ALL WEATHER 0000=0200 MEAN WIND SPEED N NE ENE ESE SE SSE SW WSW w NW NNW 39.4 C TOTAL NUMBER OF OBSERVATIONS 2310 USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€ 2

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71												. <u> </u>	JUL		
		-				ALL WI	FATHER						0300	0-0500 s (L.S.T.)		
		- -				сомі	DITION									
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED		
	N	1.1	1.4	1.1	. 3								3.9	5.8		
	NNE	- 4	В	. 3			,			<u> </u>			1.8	6.5		
	NE	.7	. 3	.1			1	·					1.3	6.5 5.2		
	ENE	.1	. 2		.0								. 4	4.6		
	E	1	1 .4	.1	.1								. 8	6,1		
	ESE	. 4		. 2	.0	.0							1.2	5.4		
	SE	1.6		1.1									5,5	4.9		
	SSE	2.2		2.3	.3								8.0	5.3		
	5	3.7		3.1	.3								12.1	1 5.2		
,	SSW	. 8	9	.5	1						<u> </u>		2,3	5.3		
1	SW	3.7	1.5	. 5	.0						'		5.7	3.7		
İ	WSW	1.7	6	. 5	1			<u> </u>		<u> </u>	<u> </u>	·	2.9	4.2		
	W	2.5	. 7	.6			L	<u> </u>	<u> </u>	<u> </u>	<u> </u>		3.9	3,9		
	WNW	. 3		. 3	.0		<u> </u>	<u> </u>		<u> </u>	<u> </u>		1.2			
	NW	1.1	1.3	. 6				<u> </u>	<u> </u>	<u> </u>	<u> </u>		3,5	5.0		
l	NNW	1.3	1.8	.7	2.	<u> </u> '	<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	4.0	5.0		
	VARSL	<u> </u>	لا	ļ	<u> </u>		Ļ	Ļ	Ļ	<u> </u>	<u></u> '	لـــــــــــــــــــــــــــــــــــــ				
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	41.5			
	(1	لمنتا	1	لسا	ا ، ا	1	1	!	1		Į P	امتممدا			

TOTAL NUMBER OF OBSERVATIONS 2384

٤ 2 DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND Ű DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERNAN AAF 37-53,62-72 0600-0800 HOURS (L S.T.) ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 22 - 27 28 - 33 ≥56 N NNE عب ENE فع E ō ESE C 1.0 SE SSE 3.3 \$ SSW sw WSW w WNW NW ڡ؞ NNW VARBL 27.8 4.0 100.0 TOTAL NUMBER OF OBSERVATIONS 2478

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USAFETAC $_{\mathrm{NI},\ 64}^{\mathrm{FORM}}$ 0-8-5 (QL A) previous editions of this form are obsolete

ς, **2** DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND **(**} DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 SPEED (KNTS) DIR. MEAN WIND SPEED ≥56 N 6. NE ENE ESE 10.2 SE 3.5 1.0 4.8 7.8 SSE C. 2.5 ssw 3.5 1.0 8.0 SW C WSW •0 .1 WNW •0 NW 6.9 NNW 10.7 6.2 100.0 TOTAL NUMBER OF OBSERVATIONS 2479

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m JU,~64}^{
m FORM}$ 0-8-5 (OL A) previous editions of this form are desolete

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COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBITION COMBI	
SPEED (KINTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 X DIR. N	1200-1400 HOURS (L.S.T.)
SPEED (KINTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 X DIR. N	
SPEED (RNIS) DIR. N	
SPEED 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-35 256 %	
(N)	
N	MEAN WIND SPEED
NNE	5.8 7.5
ENE	4.6 7.3
E	4.0 5.9
SE 1.77 3.60 3.1 1.60 .1	1.3 5.4
SE 1.7 3.6 3.1 1.6 .1 10	3.1 5.3
SSE .7 3.6 5.2 2.3 .3 .3 .1 .1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
S 1.4 4.0 8.2 2.8 .2 10 SSW .4 1.9 3.9 .9 .0 10 SW .8 2.1 4.2 1.3 .0 10 WSW .4 1.1 1.5 .2 .0 10 WNW .3 .9 .5 .0 10 NW .4 1.4 1.6 .5 .0 10 NNW .5 1.2 1.5 1.1 .2 10 VARBL CALM 10.8 29.0 38.9 12.9 1.1 10 TOTAL NUMBER OF OBSERVATIONS	2.1 8.2
SSW	6.7 8.2
WSW 4 1 1 1 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.1 7.9
W .4 1.1 1.0 .2 WNW .3 .9 .5 .0 NW .4 1.4 1.6 .5 .0 NNW .5 1.2 1.5 1.1 .2 VARBL CALM 10.8 29.0 38.9 12.9 1.1 TOTAL NUMBER OF OBSERVATIONS	8.5 8.0
WNW .3 .9 .5 .0 .0	3.4 6.9
NW 4 1.4 1.6 .5 .0 NNW .5 1.2 1.5 1.1 .2 VARBL CALM 10.8 29.0 38.9 12.9 1.1 TOTAL NUMBER OF OBSERVATIONS	2.7 6.4
NNW .5 1.2 1.5 1.1 .2 VARBL CALM 10.8 29.0 38.9 12.9 1.1 TOTAL NUMBER OF OBSERVATIONS	1.8 5.7 3.9 7.4
VARBL CALM 10.8 29.0 38.9 12.9 1.1 TOTAL NUMBER OF OBSERVATIONS	4.4 8.4
10.8 29.0 38.9 12.9 1.1 TOTAL NUMBER OF OBSERVATIONS	
TOTAL NUMBER OF OBSERVATIONS	7.3
TOTAL NUMBER OF OBSERVATIONS	0.0 6.9
2	2482
•	
•	
USAFETAC OB-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
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DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERKAN AAF 37-53.62-72 1500-1700 HOURS (L.S T.) SPEED (KNTS) DIR. MEAN WIND SPEED 7 - 10 11 - 16 NNE 1.6 NE 1.4 ENE E ESE 1.6 SSE 5.6 1.8 \$ 8.9 SSW SW 3.3 0 WSW 2.4 1.5 3.9 3.8 WNW • NW 6.9 1.4 NNW 8.2 VARBL 0 8.7 CALM 100.0 6.5 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PR ETAC/US AIR WEA	ΔF			P		RECTION	AND S				SUR	FACE	WI
13921 STATION	Engt	LEAVE	WORTH STATION	KANS/	SHERMA	N AAE	38	53,62	-72				
		_				ALL W	EATHER						180
		-				CÓN	DITION						
		_											
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
	N	1.8	2.2	- 9						<u> </u>			5,0 3.1
	NE	.7	1.1	9	-4								2.3
	ENE E	. <u>. 2</u>	1.1	.3	.0				 	 -			1.0
	ESE	.7	1.0	_1.1	.2								3.0
	SE SSE	2.4	3.7	1.5	.5	.1			ļ				8,2 10.2
	5	3.5	5.2	5.4	. 8								14.9
	SW	1,5	2.1	lel	2			<u> </u>		 			6.7
	wsw	2.0	. 8	5									3,3
	WNW		i.0	2	1								3.2
	NWW	.6	1.2	.8	2								2.7
	VARSL												
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	24.7
		23.6	28.5	19.4	3.7			<u> </u>	<u> </u>		<u> </u>		100-0
										TOTAL NU	MBER OF OBS	ERVATIONS	

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FURT LEAVENWORTH KANS/SHERMAN AAF 38-53-62-72 SPEED (KNTS) DIR. MEAN WIND SPEED NE ENE ESE SE SSE SSW SW WSW w WNW C NW NNW VARBL 37.3 G CALM TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	LEAVE	HT 4(1WN	KANS/	SHERMA	N AAF	38	-53,62	-71	TEA95				AUG ONTH
					ALL W	EATHER						0000	0-020
	_				сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.5	1.2	- 4	1	• 0						4.9	5,
NNE	- 4	. 8	. 3	. 2	.0	• 0						1.7	6.
NE	4	. 4	.2	C								1.2	4.
ENE	. 1	. 2	• 2									. 5	5.
E	. 4	. 3	.4									1.0	5.
ESE	. 5	.7	• 62	.0	.0			l				1.8	_ 5.
SE	1.8	3.2	2.0	. 3								7,2	5,
SSE	2.1	4.4	2,3	•1								8,9	5.
<u> </u>	2.5	4.8	3.5	. 5								11.4	5.
SSW	.8	8	1.0	. 3								2.9	6.
SW	2.7	1.0	.4	•1				<u> </u>	<u> </u>		<u> </u>	4.3	з.
<u>wsw</u>	1.4	5	.2						<u> </u>	L		2.1	3.
w	3.0	9	5	0								4.4	3,
WNW	<u>خ</u>	6	.1	0				<u> </u>	ļ	 		1.3	4.
NW	8	<u>4</u>	9	-0								3,3	5. 5.
NNW	1.3	لملك	.4	1		1			<u> </u>	ļ		3.0	٠,
VARBL	ļ.,							Ļ					
CALM	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	40.2	
					•					1		4 - 2 - 2	2

TOTAL NUMBER OF OBSERVATIONS

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2236

USAFETAC $\frac{\text{FORM}}{\text{JR 64}}$ 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-53-62-72 ALL MEATHER SPEED (KNTS) DIR. 1 - 3 7 - 10 ≥56 17 . 23 22 - 27 N NNE ENE E EŞE SE SSE \$ SSW SW WSW WNW NW VARBL CALM 100.0 2,9 TOTAL NUMBER OF OBSERVATIONS 2314 USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

	_	·				EATHER		·				OAO	0800 (L.s.t.)
					сон	DITION			·				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	2.0	2.0	. 8	.2			•0		l			4.9	5.0
NNE	7	1.1	. 5							1		2,3	4.8
NE	1.1	1.1	.5	- 1					i			2,9	4.8 4.5 4.5
ENE	2	. 2	•1			-						. 5	4.5
E	.6	. 6	. 4	• 2								1.8	5.3
ESE	. 7	1.1	.6	.1								2,5	5.3
SE	3.6	5.3	3.0									12.2	5.2
SSE	1.9	5.0	3.5	.6					i			11.1	5.9
\$	3.0	5.3	3.1	6								12.1	5.7 6.1
SSW	.6		1.0	.2								2.9	6.1
sw	1.3	. 9	1.0	. 1								3.3	5.2
wsw	. 4	, 6	.6									1.6	5.6
w	. 8	. 6	. 5	.1								2.0	5.1
WNW	. 2	. 4	.3									. 9	5.3
NW	. 7	1.7	1.2	. 3								4.0	6.2
NNW	. 8	2.0	.8	,2	.0							3.9	5.6
VARBL							L						
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	X	31.1	
	18.7	29.1	18.0	3.0	:0		.0		<u> </u>			100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

2489

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

() は、 できない DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-72 WEATHER 0900-1100 • C SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 ≥56 C 6.3 6.7 C NE ENE C ESE 1.4 SE 2.5 5.6 SSE 1.2 4.9 1.6 s 1.5 امعک SSW •4 1.9 3.3 sw 1,6 3.2 WSW 6 ٥٠١ 1.0 WNW .5 C NW 1.3 NNW .6 VARBL C CALM 10.7 100.0 TOTAL NUMBER OF OBSERVATIONS 2485 USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 MEAN WIND SPEED NNE NE . 8 ENE E SE SSE 5.1 S 7.3 SSW SW . 4 WSW . 6 8 WNW 6.8 8.1 NW . 8 NNW 8.6 VARBL 7.0 TOTAL NUMBER OF OBSERVATIONS 2480 JSAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€ 2 DATA PRUCESSING BRANCH ETAC/USAF AIR JEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) EDRT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 1 - 3 N NNE NE ENE ESE SE SSE 5.6 S 1.0 SSW SW WSW .7 WNW NW . 5 6.7 NNW VARBL CALM 100.0 6.7 TOTAL NUMBER OF OBSERVATIONS USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72 1800-2000 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 5.9 NNE NF .0 ENE .0 وَع 1.0 . 0 SE 2.2 8.4 2.3 SSE 2.8 1.9 5 12,8 3.0 3.8 SSW sw 3.9 WSW 1.5 2.6 WNW NW 5.2 NNW VARBL 28,5 100.0 3.8 TOTAL NUMBER OF OBSERVATIONS 2346 USAFETAC $\frac{\text{FORM}}{\text{JUL 44}}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FIRT LEAVENWORTH KANS/SHERMAN AAF 38-46-48-53-62-72 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED NE ENE ε ESE SE SSE C 5 SSW SW WSW w WNW NW NNW VARBL TOTAL NUMBER OF OBSERVATIONS 2288

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF	38 - 53 - 62 - 70 YEARS	SEP
	ALL WE	ATHER	0000-0200
	COND	ITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.5	2.0	. 4	. 0							5.8	5.9
NNE	4		. 2	- 1								1.5	5.7
NE	. 4	. 3	.6	. 2								1.5	
ENE	.1	. 3	. 3	•0							!	8	6.4
E	.6	. 3	. 3	• 1								1.4	5.0
ESE	. 3	.6	.6	3	.0							1.7	7,3
SE	1.0	2.0	1.5	. 3	.0							4.8	6.1
SSE	1.7	3.5		.7								8,4	6.2
S	3.2	3.5	3.7	. 5								11.0	5,8
ssw	. 8	.7	1.1	•0								2.7	5,8
sw	2.5	1.0	• 7	.1	0							4.4	5,8 4,2
wsw	1.4	. 5	1.1	. 1								3.0	
w	1.9	. 5	. 8	.1								3.3	4.5
WNW	. 5	.6	. 4	.1								1.6	5.4
NW	. 8	2.1	1.3	- 4								4.6	
NNW	. 9	2.1	1.6	. 1	i i				i			4.7	6.0
VARBL													-
CALM	>	$>\!\!<$	$\overline{}$	> <	> <	> <	$\supset <$	$\supset <$	> <	$\supset <$	><	38,8	
	18.4	20.1	18.6	3.7	.4		T		,	[100.0	3,5

TOTAL NUMBER OF OBSERVATIONS 2130

USAFETAC TOL 64 0-8-2 , OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETI

0 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70 ALL WEATHER SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 49 - 55 ≥56 N NNE NE ENE E ESE SE SSE C S SSW مبد SW 2,2 WSW 0 w WNW •0 • NW 1.0 1.8 NNW VARBL 39.5 (, CALM 100.0 3,4 TOTAL NUMBER OF OBSERVATIONS 2250 C C USAFETAC FORM ARE 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE 04SOLETE

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DATA PROCESSING BRANCH ETAC/USAF **2** SURFACE WINDS AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND Q DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 0 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-72 0600=0800 HOURS (LS.T.) ALL WEATHER C SPEED (KNTS) DIR, MEAN WIND SPEED C N NNE ENE E ESE SE SSE 5 SSW SW wsw ٥٠ w WNW NW 2.5 NNW VARBL 28.1 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS 2454

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF	37-53,62-72	SEP MONTH
	ALL WE		0900 1100 HOURS (L S.T.)
	СОМВІТ	ION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2 . 12	2.5	1.6	1							7.4	
NNE	.3	1.1	1.7	. 9	. 2							4.3	
NE	1.3	9	1.1	. 5	.1							4.0	
ENE	. 6	. 5	•7	• 1								1.9	
E	1.1	1.2	. 5	.2								2.9	
ESE	.7	1.4	1.0									3.4	
SE	1.4	3.1	4.0	1.4	5							10.3	7.6
SSE	. 8	3.3	4.5	2.3	. 2	•0						11.3	
5	1.2	3.1	7.4	3.3	. 5							15.5	8.7
ssw	. 4	9	2.9	1.4	.2			<u> </u>				5.8	8.9
SW	.2	1.1	2.9	1.4	5	1				L		6.2	
WSW	. 2	. 5	1.2	. 5	1	• 0			L	L		2.5	8.9
W	. 4		1.4	. 5								3.2	
WNW	1	6	. 7	. 2					<u> </u>	<u> </u>		1.6	
NW	.6	1.7	2.2	. 7	3							5,4	8.0
WNW	. 4	1.5	2.2	1.7	1				<u> </u>			5.9	8.8
VARBL								L	L				
CALM	><	><	><	\times	><	$>\!\!<$	\times	$\geq \leq$	><	$\geq \leq$	><	8.6	
	11.0	23.9	37.1		2.6	• 2		l				100.0	

TOTAL NUMBER OF OBSERVATIONS 2444

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 ALL WEATHER MEAN WIND SPEED 8.6 NNE ENE E ESE 1.6 SE 2.0 4.0 SSE SSW 1.8 SW 2.9 WSW w WNW 8.1 NW YARBL 100.0 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5.(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPER

一個の できる DATA PROCESSING BRANCH ETAC/USAF O SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND **(**) DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 ALL WEATHER MEAN WIND SPEED SPEED NNE ه د د NE 6.9 E 3.1 9.0 ESE 1.4 SE 4.3 8.9 9.5 SSE 5 16.5 8.3 (1.0 4.6 7.0 SSW 2.2 2.6 1.4 SW 2.8 3.8 wsw 1.0 w 6.3 7.9 9.0 WNW فع 4.9 5.7 NW 2.5 C VARBL 7.0 7.4 100.0 TOTAL NUMBER OF OBSERVATIONS 2448 USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO LEST CONTROL OF THE LANGE CONTROL OF A CONTROL OF

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND E DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FORT LEAVENUORTH ANS/SHERMAN AAF 38-46,48-53,62-72 SPEED (KNTS) DIR. MEAN WIND SPEED (: NE ENE ESE (SE 5 C WSW WNW C NW NNW 27.3 TOTAL NUMBER OF OBSERVATIONS 2297 USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921	FORT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72	SEP
	ALL WEATHER	2100-2300 HOURS (L S.T.)
	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPFE?
N	1.2	1.9	1.9	5								5.6	6.
NNE	5	. 7	. 9	. 2	. 1				-			2.4	7.
NE	.5	. 3	5	1								1.5	6,
ENE	. 4	. 1	. 5									1.0	5.
Ε	.5	. 4										1.4	5, 5,
ESE	- 4		. 4	.0								1.2	5.
SE	. 9	1.9	1.9		.1	•0			ļ			5.0	6.
SSE	2.5	3.2	3.1	. 9				·				9.6	6.
S	3.5	3.6	3.7	1.0	.0	•0		1				11.9	6.
SSW	1.1	.6	101	.1								3.0	5,
SW	3.9	1.0	. 4	.1								5.4	3.
WSW	1.4	5		- 1							,	2.5	4.
w	2.2	9	.3									3.5	3.
WNW	.7		• 5	-1				—				1.6	3 , 5 ,
NW	1.3	1.1	. 7	. 2				l				3.3	5
NNW	1.1	1.7	1.7	.6	.1					 		5.3	6.
VARBL								 		 			
CALM	$\geq \leq$	> <	> <	\times	\times	\times	\geq	\geq	\geq	\geq	\times	36.0	
	22.2		18.5		, 5							100.0	3,

TOTAL NUMBER OF OBSERVATIONS 2186

USAFETAC FORM 0.8.5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (1 (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 33-53,62-70 0000-0200 WEATHER 0 C SPEED (KNTS) DIR. 1 - 3 6, N 1.0 NNE NE () ENE ESE SE 1.2 SSE 1.3 <u>. 8</u> 10.3 3.0 3.6 (SSW WSW 2.2 ٥٠ O 4.0 •6 w 2.6 ٠١ WNW 1.9 1.8 1.0 C NW 6.6 NNW 35.7 C 100.0 3,8 TOTAL NUMBER OF OBSERVATIONS 2092 USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

					c.	A88						HOURS	, (
					COM	DITION							
SPEED (KNTS) DIR.	1.3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	2.1	1.7	1.6	. 5	.0				·			5.9	r
NNE	.4	. 3	1.0	• 1								1.8	
NE	.4	.2	• 2	•0								9	Г
ENE	- 1	.1	•1	.1								. 4	
E	.3	.2	•0	•0								. 5	Γ
ESE	. 4	. 5	.2	• 0								1.1	ſ
SE	2.6	1.9	.9			•0		_				5.5	ſ
SSE	2.2	3.1	2.6		.0							8,6	ĺ
S	2.8	3.0	3.4	.6	. 1							10.0	ſ
ssw	. 7	. 4	.7	. 2								2,0	ſ
SW	3.0	. 8	. 8	.2	,0							4.9	Ĺ
WSW	1.6	4	2	0								2,2	L
w	2.6	. 9	6	. 1				L				4,2	
WNW	111	6	. 9	1					<u></u>	<u> </u>	<u> </u>	2.7	ı.
NW	1.3	2.2	2.2	. 7	. 3			<u> </u>		<u> </u>		6,8	l
NNW	. 7	2.7	2.4	. 9	.0					<u> </u>		6.7	L
VARBL								<u></u>	Ļ	ļ,			Ļ
CALM	><	><	\times	$>\!\!<$	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	35.7	l.
	-	19.0			. 5			1				100.0	ľ

TOTAL NUMBER OF OBSERVATIONS 2237

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (NL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

					CON	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	1.7	2.5	2.0	. 5	1	.1						6.0
NNE	. 8	. 8	1.0			0						3.0
NE	.6	. 4	• 2	•0								1.
ENE	.2	.2	• 2	• 1	.0							
E	.4	.4	• 2	•0								
ESE	- 7	. 5	• 2	•0								1.
SE	2.2	3.1	1.8	. 5								7.0
SSE	2.8	4.1	3.6	.7	1							11.
\$	3.3	3.5	4.8	1.4	.0				• 0			13.
ssw	4	. 6	.6									1.
sw	1.6	. 6	.8									3,
WSW	6	1	. 2	1				<u> </u>				1.
w	. 8	6	6	1								2.
WNW	5	1.1	. 8	2	. 0			ļ	<u> </u>	<u></u>		2,
NW	1.0		3.0		1							6.
NNW	1.2	2.4	2.9	1.2	, 2	•0			ļ			8.
VARBL											<u></u>	
			\sim	\sim	\sim	\sim	\sim	\sim			\sim	28.

TOTAL NUMBER OF OBSERVATIONS 2501

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

					COM	DITION						
SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
DIR.												
N	1.1	2.4	2.4	1.5	. 3							7.
NNE	8	1.1	1.8	8	2							4,
NE	. 8	المبل	8	. 2				İ				2.
ENE	.2	2			. 1							
E	.5	6	. 5	• 2								1.
ESE	. 4	. 6	1.0									2.
SE	1.2	3.1	3.0	. 8	1							8
SSE	1.2	4.1	5.0	2.6	. 2	. 1						13.
S	1.2	3.1	5.9	3.6	. 6	•0						14.
SSW	.3	1.6	3.0	1.7	1	• 1						6.
sw	. 8	1.4	2.4	1.5	. 2							6.
wsw	1	5	1.4	.6								2.
w	4	. 8	1.0	3								2.
WNW	1	A I	1 - 11	. 4	.0							2,
NW	5	1.2	2.7	2.0		• 0						6.
NNW	.6	1.9	3.6	2.1	. 5	• 2			···			9.0
VARBL										1		
CALM	\searrow	X	$\overline{}$			$\overline{}$	$\overline{}$				$\overline{}$	8.

TOTAL NUMBER OF OBSERVATIONS

2503

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0 DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) () FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 1200-1400 0 ALL WEATHER 0 SPEED (KNTS) DIR, MEAN WIND SPEED C 8,8 NNE C. NE 1.2 ENE ESE SE 3.1 SSE 4.9 €· \$ 5.9 SSW 3.5 sw 2.6 3.3 •0 1.6 WSW C 8.0 9.7 1.6 2.4 WNW • 9 8.7 9.4 NW 10.6 NNW VARBL 3.6 8.8 100-0 TOTAL NUMBER OF OBSERVATIONS 2505

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC **€** 2 SURFACE WINDS PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAE 37-53,62-72 ALL WEATHER SPEED (KNTS) DIR. N NNE NE ENE E FSF SE <u>. 8</u> 10.5 5 ssw 2.8 sw WSW w WNW NW VARBL 7,4 CALM 7.5 TOTAL NUMBER OF OBSERVATIONS 2511

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72 ALL HEATHER SPEED (KNTS) DIR, MEAN WIND SPEED \mathbf{G} NE 0 ENE ESE C SE SSE 0 \$ 4.6 SSW \$W 0 WSW 3.4 4.8 6.4 7.1 WNW G NW NNW VARBL C CALM 100.0 4.2 TOTAL NUMBER OF OBSERVATIONS 2355 USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS 2 ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 41 - 47 ≥56 C 6.7 NNE NE G ENE .0 Έ ESE Ċ 1.6 9 SSE S SSW 8 SW WSW w WNW .6 C 1.4 VARBL 32.0 4.0 100.0 TOTAL NUMBER OF OBSERVATIONS 2243 USAFETAC FORM 70. 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1 2 4		ETAC/U	RUCESSIN Saf ATHER SE			P	DIF	RECTION	AND SI	OF WIN PEED /ATIONS			SUR	FACE	WIN	IDS
O		13921 STATION	EORT	LEAVE	WORTH	KANS/	HERMA	N AAF	38	-52,62	-70	EARS			N	CIV.
0									EATHER ASS							-0200 (L S.T.)
C								сом	DITION							
C			SPEED													MEAN
e			(KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
_			N	1.9	1.7	2.7 .8	1.3 6	2	1						7,9	7.4
Ç.			NE ENE	5	4		3								1.8	7.0
c			E ESE SE	.1 .6 1.2	2 9 1.6	.0 .6 1.7	0								2.0 5.0	4.1 5.5 6.2
c			SSE	1.7 2.8	2.7	2.6	5 1.3	.0	•0	1					7.4	6.2 7.3
			ssw sw	1.4	l.l	.8	5	.4	.3						3.4	9.7
C			WSW_	1.6	1.0	5	1								1.8	4.9
C			WNW	1.3	1.5	2.0 3.5	1.7	. 2	•1						5.5 9.1	7.0
			NNW VARBL	- 9	_2.2	3.3	1.8	. 5	•0						8.7	8.7
Ç			CALM	\times	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	26.2	
1			Ļ	17.0	19.7	24.9	9.5	2.0	6	1					100.0	5.3
48-		•										TOTAL NUA	ABER OF OBS	ERVATIONS		2113
1																
•																
\$				USAFET/	C FORM C		A PREVIOUS EDIT	IONS OF THIS	FORM ARE OBS	OLETE		·				

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

	_	····				0300 HOURS							
SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	43 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	2.7	1.2	.2	•0						7.1	7,
NNE	.5	. 8	1.3		.1							3.4	
NE	1	. 5	.5									1.1	6,
ENE	.0	. 1.	. 2	. 2								. 5	9.
E	. 4	.1	• 0			•0						.6	4.
ESE	. 8	. 4	• 2	.1	٥							1.6	5,
SE	1.3	2.0	1.4	. 4								5.1	5,
	1											7	

	15.4	20.0	25.2	8.9	2.4	8						100.0	5,4
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		27.2	- Fa 1-4-4
VARBL								<u> </u>	ļ	ļ			
NNW	1.0	2.1	3.5	1.8	. 8					<u> </u>	1i	9.3	9.3
NW	1.1	2.8	3.8	1.0	1	•1		<u> </u>				9.0	7.7
WNW	. 9	1.3	2.0	. 5	. 1	1						4 - 9	7.5
W	1.4	1.3	. 8	2								3.7	5,0
Wsw	.7	. 8	.6									2,2	5.7
sw	1.3	. 7		. 3		• 0						3.5	6.5
SSW	. 3	.4	1.0	. 9	.4			1	1			3.1	11,1
\$	3.2	2.8	3.9	1.0	. 3	• 0		†	T	 		11.3	6.6
SSE	1.0	2.5		. 5	- :1				 	 	1	6.3	6,7
SE	1.3	2.0		- 4				 	 	 	 	5.1	5.8
ESE	. 8	- 4	. 2	- 1	.0			 		 		1.6	5,4
E	.4		•0			•0		 		 	 	.6	4.9
ENE	.0		.2	.2				 	 	 	 	. 5	9.0
NE	1	- 5	- 10.5					 	†	 	 	1.1	6,6
NNE	. 5	. 8	1.3	. 7	- 1			1				3.4	8.5

TOTAL NUMBER OF OBSERVATIONS 2101

USAFETAC $\frac{\text{FORM}}{\text{RUL 64}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72 0600-0800 SPEED (KNTS) DIR. MEAN WIND SPEED N 2.2 NNE NE ENE E ESE SE SSE 5 SSW SW WSW WNW 9,8 NW NNW VARBL 23.8 CALM 100.0 5.5 TOTAL NUMBER OF OBSERVATIONS 2303 USAFETAC $\frac{658M}{200, 64}$ 0-8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC **(**] SURFACE WINDS $\tilde{\mathbf{2}}$ PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENHORTH KANS/SHERMAN AAF 37-52.62-72 0700-1100 ALEAN WIND SPEED SPEED ≥56 8,3 N NNE 8.2 NE Ε (ESE 6.8 SE 8.3 SSE 5 9.6 SSW 5.8 10.2 SW 9.3 C WSW 8.2 w 1.8 9.7 WNW 9.8 9.6 C 10.3 VARBL 9.3 0 CALM 100.0 7.8 C TOTAL NUMBER OF OBSERVATIONS 2353

USAFETAC FORM (0.8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CESCULETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13021	FORT	LEAVE	NEURTH KANS/SHERMAN AAF 37-52,62-72											
							0-1400							
							NOU 2:	S (LS.T.)						
		_				COM	DITION				—			
		_												
			—	 -1	·						1			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.0	2.0	3.6	2.7	5	•0				 		9.8	9.0
	NNE	.3	. 9	1.1	В	1	1						3.3	
	NE	5	9	4	. 3	i							2.2	
	ENE	. 3	. 3	. 3	. 2								1.0	
	ε	. 3	5	4									1.3	
	ESE	. 5	.8	. 9	. 4								2.6	
	SE	1.1	1.4	2.3									5.7	7.4
	5SE	.6	1.1	2.7		. 5	•0						7.1	

NE	. 5	و	- 4	3	. 1				1	L	1	2.2	6.9
ENE	. 3	3										1.0	6.8
E	. 3	5	. 4									1.3	5.8
ESE	. 5	. 8	9	. 4					1			2.6	6.9
SE	1.1	1.4	2.3						!			5.7	7.4
SSE	.6	1.1	2.7	2.1	. 5	.0						7.1	9.9
S	1.0	2.4	5.4	3.3	. 7	• 3						13.0	9.6
SSW	. 3	.7	2.4	2.2	. 5	• 2			ĺ			6.3	10.8
SW	. 5	1.0	2.3	1.5	. 6	-1	•0		I			6,5	10.1
WSW	3	6		.8	. 3		•0					4.0	9.6
w	4	1.1	1.7	. 5	0	•0						3.8	7,7
WNW	. 3	.7	2.5	1.5	. 2							5.2	9.5
NW	. 5	1.8	4.6	3.4	1.2	•6	•0					12.1	11.0
NNW	. 4	1.7	4.6	3.2	1.4	•4			_			11.7	11.0
VARSL						-							
CALM	\times	\mathbb{X}	X	\times	\mathbb{X}	X	\times	\geq	\geq	\geq	><	4.5	
	8.1	17.9	37.8		6.1	1.7	•1					100.0	9,2

TOTAL NUMBER OF OBSERVATIONS 2383

USAFETAC $_{AX,\ 44}^{FORM}$ 0 8-5 (QL A) previous editions of this form are obsolete

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SURFACE WINDS

1500-1700 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

ALL WEATHER

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

						PITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	<u> </u>
N	1.1	2.3	3.5	1.5	.3	• 0		l			ì——	8,8	Γ
NNE	- 4	1.0	1.7	. 7								3.9	
NE	.6	7	. 4	. 3								2.0	
ENE	. 5	. 2		.0								. 9	
Ε	. 2	1.0	.5	• 1								1.8	
ESE	.2	.6		. 3								2.1	
SE	1.6	1.5	1.9	. 6								5.6	
SSE	. 5	1.7	3.0	1.4	. 3							7,0	
\$	1.8	3.5	5.1	2.0	. 8							13.4	
SSW	.4	1.6	2.2	1.4	. 3	•1						6.0	
sw	1.1	1.7	1.7	•6	. 4	•0						5.6	
wsw	.6	. 8	1.2	.2								2,8	
w	1.1	1.2	1.6	. 5	.0	• 0						4.5	乚
WNW	.5	1.6	1.9	. 8	. 3				<u> </u>			5.1	_
NW	1.1	2.2	4.7	2.7	.9	• 3			<u> </u>			12.0	_
NNW	. 4	2.3	5.0	2.2	1.1	. 2	•0		<u> </u>			11.1	<u></u>
VARBL													L
CALM		$\ge \le$	><	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$			><	7.3	
	12.1	24.0	35.7	15.4	4.5	. 8	• 0					100.0	

TOTAL NUMBER OF OBSERVATIONS

235

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH SURFACE WINDS 2 ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERHAN AAF 38-52-62-72 1800-2000 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED н NNE NE ENE ESE SE 1.1 2.0 SSE 1.3 3.0 5 2.9 SSW 1.0 SW WSW 1.7 2.6 1.3 1.8 1.1 WNW NW 1.8 NNW VARBL 20.0 CALM 5,5 100.0 TOTAL NUMBER OF OBSERVATIONS 2317

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

													
					CON .	DITION							
							······································						
SPEED (KNTS)	1 · 3	4.6	7 - 10	11 - 16	17 • 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI
DIR.	'-"	7.0	/ / /	"'"	,,,,,,	****	20 - 33	34 - 40	71.7	""		~	SPEE
N	1.3	1.7	2.7	1.2	1	. 1						7.0	8
NNE	. 3	.6	1.0	.7	.0	• 0						2.7	8
NE	.3	. 5	.6	.2		•0						1.7	7
ENE	.3	-1	- 2									.6	
E	. 1	. 2	•0	0								. 4	
ESE	.6	6	. 5	. 1								1.7	
SE	1.5	2.0	1.4	. 2	1							5.2	
SSE	1.3	2.3	2.8	.6	. 0							7.2	
5	2.5	3.1	4.5	1.2	3	• 1						11.8	•
SSW	.4	1.0	. 9	. 6	. 2	•1						3.1	•
SW	2.0	. 8	• 6	. 3	, 2	•0						3.9	
WSW	1.3	. 8	.7	. 1								3.0	
w	1.8	1.4	1.2	2	.0							4.6	
WNW	1.1	اقمر	1.3	.4	1							4.4	
NW	1.3	2.4	3.3	1.2	2	1						8.5	
NNW	1.0	2.0	3.7	1.6	6	• 1	•0					8.9	
VARBL									Ļ,	Ļ			
CALM	><	$\geq \leq$	><	><	$\geq \leq$	><	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	25.2	
	17.2	20.8	25.4	8.8	1,9		•0					100.0	

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-52.62-70

					ALL W	EATHER						OOO) - (
	<u></u>				сож	DITION				_			
SPEED										<u> </u>			
(KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	S
N	1.3	1.8	2.4	1.1	. 3	. 1						7,0	
NNE	1.0	1.0	2.3	. 2	. 1	-0							
NE	. 7	9	. 5	0								2.1	
ENE	. 3	3	3	0								, 9	
E	. 5	. 3	3	0								1.1	
ESE	6	.7	4	1								1.9	
SE			1.7	4	1							5.0	
SSE	1.6	2.2	2.7	4						 		7,0	
S	2.5	2,6	3.0	9	3						 	9,2	
SSW	6		0	2	0			.			ļ	2,5	
SW	1.6	9	9	4						 		3,8	
wsw w	1.3	1.2	5	2						 	<u> </u>	2.1	
WNW			1.0	2	. 2					 		5.0	
NW	1.0	1.9	$\frac{2.3}{3.1}$	1.3	• 4	•0				-		7.9	
NNW	- 141	2.4	2.7	2.7	. 5	• 2		 				9.4	
VARBL	• 7				<u></u>			 			 	,,,,	
CALM	>	> <	>	>	> <	>	> <	> <	> <	>	$\supset <$	26.8	_
	17.2	19.6	25.2	8.8	2.1	, 4					**************************************	100.0	

TOTAL NUMBER OF OBSERVATIONS 222

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (OL A) previous editions of this form are obsolete

2 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70 SPEED (KNTS) DIR. NNE NE ENE ESE SE SSE S SSW sw wsw W WNW NW NNW 26.8 CALM 100.0 5.3 TOTAL NUMBER OF OBSERVATIONS 2232

USAFETAC $_{
m ML-64}^{
m FORM}$ 0.8-5 (OL. A) Previous editions of this form are obsolete

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STATION	FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72												!	OFC
		_				ALL W	EATHER				_		0600	0800 (L1.1.)
		_	COMPITION											
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	2.1	2.1	2.6	. 1.8	.4				i			8,9	7.7
	NNE	. 4	. 7	1.6	- 4		•0	·					3.3	8.1
	NE	. 5	8	. 8									2.1	5.9
	ENE	. 1	. 3	2									. 8	6.6
	£	. 5	. 4	.5	0								1.5	5.4
	ESE	. 5	6	.7	. 2								2.0	6,5
	SE	2.6	2.1	1.7	.6								7.0	5.5
	SSE	2.1	1.9	2.7	.5								7.2	6.3
	S	2.6	2.5	2.2	1.1	. 2		•0					8.7	6.6
	SSW	. 5	, 5	1.0		.0							2.4	7.4
	sw	1.4	. 7	. 8	. 4	. 0							3.4	6.1
	WSW	. 5	. 4	.1	.1	.0							1,2	4,9
	w	1.1	1.3	1.1	. 3								3.7	5.7
	WNW	.6	1.6	2.1	. 9	.0	• 0						5,2	7.7
	NW	1.7	1.7	3.3	1.6	. 5	• 2						8.9	8.3
	NNW	1.2	1.9	4.0	1.9	. 5	• 2						9.6	8.8
		1												

TOTAL NUMBER OF OBSERVATIONS 2381

100-0

5.4

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS 2 ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND () DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-52-62-72 DEC ALL WEATHER 0900-1100 MEAN WIND SPEED SPEED 1 - 3 N 3.8 10.0 8.4 NNE 1.8 1.0 ENE E ESE SE 2.0 SSE 5 9,8 8.0 3.6 SSW 2.0 SW WSW 4,4 WNW 8.8 2.3 .8 NW 3.0 NNW 9.7 12.1 VARBL 10.9 CALM 100.0 7.2 TOTAL NUMBER OF OBSERVATIONS 2435 USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0-8 5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE •

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> NNW VARBL CALM

SURFACE WINDS

1200-1400

8.4

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72

					•							NVUR	. (6.0,,,,
					сон	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	1.9	3.7	2.1	. 6	• 1						9.5	9.1
NNE	7	1.0										5.2	8,3
NE	1.0	. 5	1.1	. 5	.0							3,2	7.0
ENE	. 3	. 3	. 3	•0								1.0	
Ε	. 3	. 5	5									1.4	
ESE	. 4	.7	1.0	. 3								2.4	6.9
SE	1.1	2.1	3.1	1.0								7.3	
SSE	. 8	1.5	2.7	. 8	, 2							6.0	
S	. 9	2.5	4.0	2.3								9.9	
SSW	,3	1.0	2.9	2.0				!				6.6	
s₩	.4	1.3	2.9									6.3	9.2
wsw	. 4	. 9	1.2	. 5		• 1						3.3	
w	. 2	7	2.1	. 7	.1	•0						3.7	8.8
WNW	- 4	1.0						.0				4.9	9.8
NW	. 7	2 2	4.7	2.7	. 7		.0	1			1	11.2	9.7

TOTAL NUMBER OF OBSERVATIONS 2430

USAFETAC FORM 0-8-5 (OL A) PREVIOU EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 37-52.62-72 NNE NE E ESE SE SSE ssw SW WSW w WNW (9.6 VARBL 10.6 TOTAL NUMBER OF OSSERVATIONS

USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0 8-5 (QL A) previous editions of this form are obsolete

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13921 STAFFOR	FORT LEAVENWORTH KANS/SHERMAN AAF	38=52+62=72 YEARS	DEC
		EATHER	1800=2000 HOURS (L.S.T.)
	СОМ	DITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	2.8	1.9	.6	•0						8.8	8.5
NNE	. 4	. 6			.0							2.3	7,4 5,3
NE	1.0	. 7	.7	. 1								2.5	5.3
ENE	. 4	. 3	.3									1.0	5.0
ε	. 5	1.2	.7	. 1			_					2.4	5.4
ESE	. 5	.7	• 9									2.4	6.6
SE	1.3	1.5		. 5	. 1							4.7	6.4
SSE	1.9	2.8		. 3								7.2	5.5
S	2.1	3.2	3.4									9,9	6.6
ssw	1.0	. 4	. 9		• 0							2.6	6.3
sw	2.3	. 9		.3	.0							4.4	
w:w	. 8	1.1		. 3					i			2.6	5.8
w	2.0	1.1	• 6	.1	.0	•0						3.9	4.9
WNW	1.4	1.0	2.0	. 6	. 1	• 1						5,2	7.1
NW	1.9	1.8			. 3	• 1						8.1	7.6
NNW	1.3	2.8			. 4						1	9,3	8.5
VARBL													
CALM	\times	$\geq \leq$	\geq	\geq	\times	\geq	\geq	\geq	$\geq \leq$	\geq	><	22.6	
	19.8	22.6	23.2	9.6	1.7	.5						100.0	5,2

TOTAL NUMBER OF OBSERVATIONS 2388

USAFETAC FORM $_{\text{AJL 64}}$ 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

をある。大学を対象を O DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND \mathbf{C} DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FORT LEAVENWORTH KANS/SHERMAN AAF 38-52.62-72 ALL: WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 22 - 27 ≥56 C 2.6 NE C ENE E ESE **(**^ SSE 5 (' هم SSW SW C WSW WNW 1 - 4 .6 8.0 € NW NNW 8.4 VARBL € 24.6 CALM 100.0 € TOTAL NUMBER OF OBSERVATIONS 2389 USAFETAC FORM DIE 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS 2 ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND £ DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 INSTRUKENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR HORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 41 - 47 ≥56 N NNE NE 1.8 • Q ENE ε ESE 1.7 SE SSE 2.0 5 SSW SW • 0 WSW w 8.2 WNW МИМ 10.6 VARBL 15.5 CALM 6.8 TOTAL NUMBER OF OBSERVATIONS

USAFETAC $^{\rm FORM}_{\rm AN,~64}$ 0-8-5 (QL A) previous editions of this form are obsolete

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

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EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIC	IBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	4≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	\sim							<u>/</u>								
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800														i		
≥ 700 ≥ 600															1	
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100,0

- EXAMPLE #1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.0%.

 Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

574 29963

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet end/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

																
CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ ć	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	- 34	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.8 41.6	51.4 59.8				53.5		53.8	53.8	54.0 62.8	54.1	54.1	54.3	54.3 63.1	54.4	54.7 63.5
≥ 18000 ≥ 16000	41.8	60.0	61.3		62.3	62.6	62.7	62.8		63.0	63.4	63.2	63.5	63.3	63.5	63.7
≥ 14000 ≥ 12000	42.5	62.8		62.8	63.4	63.4	65.6	63.9	63.9	66.0	64.2	64.2	64.4	64.4	66.4	64.8
≥ 10000 ≥ 9000	45.2 45.7	65.3	67.3	67.3	67.9 68.7	68.8		69.2	68.5	68.7 69.5	69.6	68.8	69.8			70.2
≥ 8000 ≥ 7000	46.8 47.8	69.7	71.1	72.0	72.7	71·1 72·8		73.2	71.5 73.2	71.7 73.5	71.9 73.6	71.9 73.6	72.1	72 · 1 73 · 8	72.2	72.5
≥ 6000 ≥ 5000	48.4	71.1	72.4	75.3	76.1	74.2 76.2	74.5 76.5	74.7 76.7		76.9	75.0	75.1 77.1	75.2	75.3	75.4	75.6
≥ 4500 ≥ 4000	49.8 50.6	73.6 75.1	76.7	i				79.2	79.3	79.5	77.9	77.9	78.1		78 • 2	78.5
≥ 3500 ≥ 3600	51.3 52.4	76.3	79.8	80.9		82.0	82.4	82.5	82.6	80.8	80.9	80.9 83.0	83.1	81.1	81.2	83.5
≥ 2500 ≥ 2000	53.3 54.3	82.0	83.9	85.3	86.3	86.5	86.9		87.1	84.9	87.6	87.6	87.8	87.8	85.4	88.2
≥ 1800 ≥ 1500	54.5 55.1	84.1	86.3	87.7	88.9	89.1	89.5	89.8	89.8	90.1	90.3	90.3			90.6	90.9
≥ 1200 ≥ 1000	55.5 55.7	86.4	88.8	90.6	92.0	92.3	92.9	93.2		93.7		92.2	94.1	92.4 94.1 94.8	92.6	94.5
≥ 900 ≥ 800	55.8	87.0	89.7	91.7	93.3	93.6	94.4	94.7	94.8	94.3 95.3 96.0	94.5 95.5 96.3	94.5 95.6 96.3	94.8 95.8	95.8 96.6	96.0	96.2
≥ 700 ≥ 600	55.9	87.3 87.4 87.5	90.2	92.4	94.2	94.2		96.1	96.2	96.7		97.1	97.4	97.4	97.5	97.8
≥ 500 ≥ 400	55.9	87.5	90-4	92.6 92.7 92.7	94.6	95.1	96.3	96.9	97.0	97.7		98.2	98.6	98.6	98.8	
≥ 300 ≥ 200	55.9	87,6	90.4		94.7	95.2	96.4		97.2	98.0	98.4	98.5	99.0	99.0		99.6
≥ 100 ≥ 0	55.9				94.7	95.2	96.4	97.0								100.0

TOTAL NUMBER OF OBSERVATIONS

223274

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	ž 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 3	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	32.2	47.7 56.0	1, 1, 0	49.1 57.7	49.7	49.8 58.5		50.2 59.0	50 · 2 59 · 1		50.5 59.5	50.5 59.5		50.6 59.6	50.7	
≥ 18000 ≥ 16000	37.9 38.1	56.4 56.7			58.8 59.2	58.9 59.3	59.3 59.6	59.5 59.8	59.5 59.9		59.9	59.9		60.4	60.5	60.
≥ 14000 ≥ 12000	38.7 39.7	57.7 59.6	58.8 60.8		60.2	60.3	60.6	62.8	60.9	61.1	61.3	61.3	61.4	61.4	61.5	61.
≥ 10000 ≥ 9000	41.1	62.9		64.9		64.9	66.1	65.6	65.6	66.6	66.7	66.8 66.8	66.1	66.9	66.2 67.0	
≥ 8000 ≥ 7000	42.8	65.6	65.7	66.5		67.3		68.0	68.0	69.5	68.4	68.4	68.5	68.5	68.6	70.
≥ 6000 ≥ 5000	43.2 43.5	66.3	68.6		70.3	69.5 70.5		70.2	70.2		70.7	70.7	70.8	70.8 71.8	70.9 71.9	71.
≥ 4500 ≥ 4000	43.6	68.1	69.7	70.6		70.9	72.2	71.6	71.6	71.9 72.8	72.0 73.0	72.0 73.0		72.2	72.3	73
≥ 3500 ≥ 3000	44.7	69,9	.6	72.6		72.6	74.3	73.4	73.4		73.9 75.1	73.9 75.1	74.0	74.0	74.1	74.
≥ 2500 ≥ 2000	45.3		72.8	76.1	75.0	75 • 1	75.7 18.2	76.0	78.6	78.9	76.6	76.6 79.2	76.7	76.8	76.8	77.
≥ 1800 ≥ 1500	46.1 46.5	73.3 74.9 76.4	, ,	78.5		78 • 0 80 • 2 82 • 5	81.0	79.1	79.2	82.0	82.3	79.8	79.9 82.4	79.9 82.5	80.0	82.
≥ 1200 ≥ 1000	47.1 47.2	77.4	80.1	82.0		84.3	83.6 85.6	84.1 86.2 87.3	84 · 2 86 · 3 87 · 5	87.1	85.1 87.5 88.7	85.1 87.5 88.8	85.3 87.8 89.1	85.3 87.8	85.4 87.9	
≥ 900 ≥ 800	47.3	78.3	81.2	83.5	85.8	86.3	88.0	1	89.1	90.0		90.6	90.9	91.0	91.1	91.
≥ 700 ≥ 600 ≥ 500	47.3	78.8 78.8	82.0		87.3	88.0	90-1	91.2	91.5	92.6	93.3	93.3	93.8	93.9	94.0	94.
≥ 400 ≥ 300	47.3	78.9 78.9	82.2	85.0	88.0	88.8		92.9	93.2	94.8	95.7	95.8	96.5	96.6		91
≥ 200	47.4	79.0	82.3	85.0	88.1	89 • 0	91.7	93.2	93.6	95.4	96.6	96.8	97.9	98.0	98.5	98
≥ 0	47.4	79.0	82.3			89.0				95.4			98.1	90.3		

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

Ci

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISIBIL	ITY (STATU	E MILES)	·						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 11,	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	32.4	46.1 53.1	46.9 54.1	47.5 54.8	48.0 55.4	48 · 1 55 · 5	48.3	48 • 4 55 • 9	48.5		48.7 56.2	48.7	48.9 56.4	48.9 56.4		49.1 56.6
≥ 18000 ≥ 16000	37.5	53.6 53.9	54.5 54.8	55.3 55.6	55.9 56.2	55.9 56.2	56.2 56.5	56.4 56.7	56.4 56.7	56.6 56.9	56.7 57.0	56.7 57.0	56.9 57.2	56.9 57.2	56.9 57.2	57.1 57.4
≥ 14000 ≥ 12000	38.4 39.6	54.7 56.3	55.7 57.6	56.5 58.1	57.1 58.8	57.2 58.8	57.5 59.2	57.6 59.3	57.7 59.4	57.8 59.6	57.9 59.7	57.9 59.7	58.1 59.8	58.1 59.8	58 • 2 59 • 9	58.3
≥ 10000 ≥ 9000	41.0 41.4	58.8	60.5	60.7	62.0	62.0	62.4	61.9	61.9	62.8	62.2	62.9	62.4	62.4	62.5	62.6
≥ 8000 ≥ 7000	42.6	62.9	64.2		64.0	64.0	64.4	64.5	64.6	64.8	66.8	64.9	65.1	65.1	67.0	67.1
≥ 6000 ≥ 5000	44.2	64.0	66.8	66.3	67.0 68.7	67.1	67.4	67.6 69.4	67.7	67.9	69.8	69.8	69.9	70.0	70.0	70.2
≥ 4500 ≥ 4000	45.5	67.3	68.9	70.1	69.7 70.9	69.8 71.0	70.2	70.4	70.4 71.7	71.9	1			70.9	71.0	71.1
≥ 3500 ≥ 3000	46.5	69,8	71.5	72.8	73.8	72·2 73·9	72.6 74.3	74.6			73.2 75.0	75.0	75.2	75.2	73.4	73.6
≥ 2500 ≥ 2000	48.3	74.3	76.3	75.0 76.0	79.3	76.2	76,7 79,9	80.2		80.6		77.4		81.0	77.7	77.8 81.2
≥ 1800 ≥ 1500	49.9 50.6	77.3	79.7	79.2	83.2	83.4	51.1 83.9	84.3		84.8	85.0	85.0	85.2	85.2	85.3	82.4
≥ 1200 ≥ 1000	51.3		83.2	85.8	!	88.2	89.1		89.7	90.4	90.6	90.7	91.0	91.0	91.1	91.2
≥ 900 ≥ 800	51.4 51.4	81.0	1		89.5	,	91.1	91.8	91.9		93.2	93.3	93.6	93.6	93.7	92.4
≥ 700 ≥ 60.	51.5		84.7		90.6			93.6	93,9	75.0	95.6	95.7	94.7		96.2	95·1 96·4
≥ 500 ≥ 400	51.5		84.9	87.9	91.1	91.8		94.8	95.2	96.6	97.4	97.6	98.0	98.1	98 • 2	97.6 98.4
≥ 300 ≥ 200	51.5		84.9	88.1	91.2		93.8	95.0		96.9	97.9	98.1	98.4 98.7	98 . 8		98.9
≥ 100 ≥ 0	51.5 51.5			88.1	91.2	91·9 91·9	93.8			96.9		98 • 1 98 • 1	98.8			99•5 100•0

TOTAL NUMBER OF OBSERVATIONS 16670

USAF ETAC JULAS 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS(LST)

CEILING					_		VISIBIL	ITY (STATU	TE MILES)							
(FEFT)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥i	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.4 37.1	45.3 53.8	7 9	46.5 55.3	47.0			47.4				4:5-1			47.6	
≥ 18000 ≥ 16000	37.2 37.3	54.0 54.1	54.9 55.1	55.4 55.6	56.0 56.2	56 • 1 56 • 3	56.4	56.5	56.5 56.6	56.6	56.6	56.6 56.8	56.7	56.7	56.7	56.8 57.0
≥ 14000 ≥ 12000	38.0 38.8	55.0 55.2	55.9 57.3	56.4 57.8	57.0 58.5	57.2	57.4 58.8	57.5		57.6 59.1	57.6 59.1	57.6 59.1	57.7	57.7	57.7 59.2	57.8 59.3
≥ 10000 ≥ 9000	39.9 40.3	58.3 59.0	59.3	59.9	60.6	61.4	61.7		61.8	61.2	61.3	61.3	61.4	61.4	62.1	61.5
≥ 8000 ≥ 7000	41.3	62.6	62.1 63.8	62.7	63.5	63.6	63.8	64.0 65.8	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.4
≥ 6000 ≥ 5000	43.1 43.9	64.0	65·3 67·2	66.0	66.8	66.9	67.2	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.8
≥ 4500 ≥ 4000	44.3	67.9	68.0		69.7 71.2	69.8 71.4	70·1 71·7	70·3 71·9	70·3	70.4	70.4 72.1	70.4 72.1	70.5	70.5	70.5	70.6
≥ 3500 ≥ 3000	46.0	69.4 71.6	71·0 73·3	71.9 74.4	72.9 75.4	73·0 75·5	73·3 75.9	73.5 76.1	73.5 76.1	73.7	73.7	73.7	73.8	73.8	73.8	74.0
≥ 2500 ≥ 2000	48.8 50.0	74.5 77.7	76·3 79.8	77.5 81.2	78 · 6 82 · 4	78 • 7 82 • 6	79.1 83.0	79.3 83.2	79.3 83.2	79.5	79.5 83.5	79.6	79.6	79.6	79.7	79.8
≥ 1800 ≥ 1500	50.4	78.7 80.7	80.9	82.3 84.8	86.2	83 · 8		84.5 87.2	84.5	84.7	84.7 87.6	84.8 87.6	84.8	84.8	84.9	85.0
≥ 1200 ≥ 1000	51.7 51.9	82.5	85.2	87.1 88.6	88.7 90.4	89·0 90·7	91.5	89.9 91.9	89.9 92.0	90.2	90.4	90.4	90.5		90.5	90.7
≥ 900 ≥ 800	52.0	84.0 84.4	87.5	89.2 89.8	91.9	91.5	93.2	92.7	92.8	93.1	93.4	93.5	93.7	93.7	93.7	93.8 95.1
≥ 700 ≥ 600	52.1	84.7	87.8 88.1	90.3	92.6	93·0 93·6	94.7	94.6	94.7	95.3	95.7	95.7	96.9	96.9	96.0	96.1
≥ 500 ≥ 400	52·1 52·1	85.1	88.3	91.0 91.1	93.4	93.9 94.1	95.2	96.0	96 • 2 96 • 4	97.0 97.3	97.5	97.6 98.0	98.5	98.0	98·1 98·7	98.2 98.8
≥ 300 ≥ 200	52.1	85.2	88.4	91.1	93.7	94.2	95.6	96.4 96.4	96.7 96.7	97.6 97.7	98·2 98·3	98.3 98.4	98.8	99.1	99.0	99.2
≥ 100 ≥ 0	52.1	85.2 85.2	88.4	91·1 91·1	93.7	94.2	95.7	96.5 96.5	96.7 96.7	97.7 97.7	98.4 98.4	98.5 98.5	99.2	99.3	99.5	

TOTAL NUMBER OF OBSERVATIONS ___

18323

USAFETAC JULIA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISIBIL	LITY (STATU	TE MILES)					***************************************		
(FEET)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ ¼	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.4 39.7	55.3	55.9	47.6 56.4		47.9 56.7	48.0 56.8		48.1 56.9		48.2	48.3 57.1	48.3 57.1	48.4	48 • 4	48.5
≥ 18000 ≥ 16000	40.0 40.2	55.9	56.5	56.6 56.9	56.9 57.2	57.0	57.1 57.4	57.2 57.5	57.2 57.5	57.3 57.6	57.3 57.6	57.3 57.6	57.4 57.7	57.4 57.7	57.5 57.8	57.6 57.9
≥ 14000 ≥ 12000	40.9	58.4	59.1	57.9 59.5	58.2 59.8	58 • 2 59 • 9		58.4 60.1	58.4 60.1	58.5 60.2	58.6	58.6 60.3	58.7	58.7	58.7 60.4	58.9
≥ 10000 ≥ 9000	43.7	61.5		62.8	63.1	62.3		62.5	62.5	62.6 63.5	62.7	62.7	62.8	62.8	62.8	63.9
≥ 8000 ≥ 7000	45.2			66.6	67.0			65.5	65.5 67.2	65.6 67.3	67.4	67.4	65.7	65.8	65.8	67.7
≥ 6000 ≥ 5000	47.2	69.6		71.3		68.9 71.8	69.0 72.0	72.1	69.1 72.1	69·2 72·2	69.3 72.2	69.3 72.2	69.4 72.3	72.4	69·4 72·4	69.6
≥ 4500 ≥ 4000	49.3 50.5	70.7	74.1	72.6	73·0 75·4	73.0 75.4	73,2 75.6	73.3	73.3 75.7	73.4 75.8	73.5 75.9	73.5 75.9	73.6 76.0	73.6 76.0	73.7 76.1	73.8
≥ 3500 ≥ 3000	51.7 53.6	75.0 77.8		80.1	80.6	77.6 80.7	77.8 81.0	81.0	77.9 81.1	78.1 81.2	78.1 81.3	78.1 81.3	78.2 81.4	78.2 81.4	78 · 3 81 · 4	78.4 81.6
≥ 2500 ≥ 2000	55.2 56.5	83.2	84.9	86.0	86.6	86.7	84.1	84.2 87.1	87.1	84.3	84.4	84.4	84.5 87.4	84.5	84.6	84.7
≥ 1800 ≥ 1500	56.8 57.6 58.0	84.1 86.1	85.8	89.2	89.9	90.0	87.9 90.4	90.5	90.6	90.7	88.3 90.8	0	88.3 90.9	88.4 90.9	90.9	88.6 91.1
≥ 1200 ≥ 1000	58.3	89.1 89.6	91.3	91.2	92.0	92.2	92.6	92.7	92.8		93·0 95·2	95.2	93·1 95·3	93·1 95·3	93·2 95·3	93.3 95.5
≥ 900 ≥ 800	58.5	90.0		93.5	94.6		95.4	95.6	1	95.9	96.0 97.0	97.0	96 · 1 97 · 1	96 • 1 97 • 2	96.2	96 · 3 97 · 4
≥ /00 ≥ 600	58.5	90.3		94.9	96.4	96.7		97.2	97.8	97.5 98.1	97.6 98.3	98.3	97.8 98.4	97 • 8 98 • 4	98.5	98.0 98.6
≥ 500 ≥ 400	58.5	90.5	93.2	95.2 95.3	96.8			98.4	98.5 98.7	99.1	99.0	99.0	99.1	99.2	99.5	99.4
≥ 300 ≥ 200	58.5	90.5		95.3 95.3	96.9	97·3 97·3	98.3	98.7	98.8	99.1	99.4	99.3	99.5	99.5	99.7	99.8
≥ 100 ≥ 0	58.5	90.5	93.2	95.3		97.3	98.3	98.7 98.7	98.8 98.8		99.4				99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 1863

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOCITE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS(LST)

CEILING							VISIBIL	UTATZ) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 11/2	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.9 42.9	53.1	49.3 58.8	59.2	59.7	59.7	50.3	50.4 60.1	50.4 60.1	50.6	50.7	50.7	50,8	2 - 4	51.0 60.8	61.1
≥ 18000 ≥ 16000	43.1 43.2	58.2 58.4	59.0 59.1	59.3 59.5	60.0	59.9 60.1	60.3	60.4	60.4	60.6	60.7	60.6	60.9	61.0	61.0	61.3
≥ 14000 ≥ 12000	43.7	59.0 60.6	59.9	60.2	62.3	60.8	62.6		62.7	62.9	61.5	61.5 63.1	63.3	61.7	61.9	62.2
≥ 10000 ≥ 9000	46.3	63.1	65.1	65.6		65.0	66.4	65.3	65.4	66.7	65.7	66.9	67.1	67.1	67.3	67.6
≥ 8000 ≥ 7000	48.7 50.1	68.9	69.9	70.4	71.0	68.9 71.1	69.2 71.4	69 • 3 71 • 5	69.3 71.5	71.7	69.6	69.6 71.8	69.8	69.9 72.1	70·0 72·2	70.3
≥ 6000 ≥ 5000	51.1 52.7 53.3	70.9 73.6 74.8	72.0	72.5	73·1 75.9	73.2	73.5 76.3	73.6	73.6 76.4	73.8	73.9	74.0	74.2	74.2	77.2	74.7
≥ 4500 ≥ 4000	54.9	77.5	76.0 78.7 80.5	79.4	77 • 2 80 • 1	77 • 3 80 • 2	80.5	80.6 82.5	80.6 82.5	78.0 80.8	78.1 80.9 82.8	78.1 81.0	78.3 81.2	81.2	78 · 5 81 · 4	78.9 81.7
≥ ?500 ≥ 3000	57.2 58.5	81.5	83.0	83.8	84.5 87.1	84.6	85.0		85.1	85.4	85.5 88.1	85.5	85.7	85.7	83·3 85·9	86.2
≥ 2500 ≥ 2000	59.6	86.3	88.0	89.0 89.6	89.8	89.9	90.3	90.4	90.5	90.7	90.8	90.8	91.0	91.1	91.9	91.5
≥ 1800 ≥ 1500	60.3	I		91.2	92.0	92.1	92.5	92.7	92.7	92.9	93.0	93.1	93.3	93.3	93.5	93.8
≥ 1200	60.9	90.2	92.4	93.7	94.7	94.9	95.3	95.5	95.5	95.7	95.9	95.9	96.1	96.1	96 · 3	96.6
≥ 900 ≥ 800 ≥ 700	61.0	90.7	93.2	94.8	96.0	96.1	96.6	96.8	96.9	97.2	97.3	97.4	97.6	97.6	97.8	98.1
≥ 600	61.0	91.2	93.8	95.6	97.0	97.2	97.7	98.0	98 · 1	98.4	98.5	98.6	98.8	98.9	99.0	99.3
≥ 500 ≥ 400 ≥ 300	61.0	91.3	93.9	95.7	97.1 97.1	97.4	98.0	98.3	98.3	98.7	98.9	99.0	99.2	99.3	99.5	99.7
≥ 200	61.0	91.3	93.9	95.7	97.1 97.1	97.4	98.0	98.3	98.4	98.7	98.9	99.0	99.3	99.3	99.5	99.9
≥ 0	61.0			95.7		97.4		98.3	98.4	98.8		99.0				100.0

TOTAL NUMBER OF OBSERVATIONS____

1913

USAFETAC 1014 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ 1/4	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.1 42.9	50.4	51.3 62.3	51.8 62.9		52 • 1 63 • 2	52.2 63.4	52.2 63.4	52,3 63.4		52.5 63.7	52.5 63.7	52.6	52.6 63.8	52.6	52.8 64.0
≥ 18000 ≥ 16000	43.0 43.2	61.4	62.5	63.0 63.2	63.5	63.4	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	64.0	64.4
≥ 14000 ≥ 12000	43.9	64.4	63.5	64.1	66.3	64.5	66.5	64.6	64.6		66.9	64.9	67.0	67.0	67.1	67.2
≥ 10000 ≥ 9000	47.1 47.5	68.0	69.2	69.1	70.2	69.5 70.2	69.6 70.4	69.7 70.5	69.7 70.5			69.9 70.7	70.8	70 • 0 70 • 8	70.9	70·3 71·1
≥ 8000 ≥ 7000	49.0 50.2	70.4	71.7	72.4	72.8	72.9	73.0	73.1 75.0	73.1 75.0	73.3	73.4	73.4 75.3	73.5	73.5	73.6	73.7 75.7
≥ 6000 ≥ 5000	51.0 52.5	73.6 76.1	74.9	75.7 78.4	78.8	76 • 2 78 • 9	76.4	76.5	76.5 79.2	76.6	76.7	76.7	76.8	76.9	76.9	
≥ 4500 ≥ 4000	53.0 54.6 55.7	79.7	78.6	79.4 82.2	79.9	80 • 0 82 • 8	80.1	80.3	80.3	80.4	80.5 83.4	80.5 83.4	80.7	80.7	80.7 83.6	80.9
≥ 3500 ≥ 3000	57.8	81.3 84.2 86.3	82.9 85.9	83.9 86.9	84.4 87.5	84.6 87.6 89.9	84.7	84.9	84.9	85.0	85.1	85.1	85.3	85.3	85.4	85.5
≥ 2500 ≥ 2000	60.4	88.4	90.3	91.4	92.1	92.3	90.1	90.2 92.6 93.1	90·2 92·6	90.4 92.9 93.4	90.5 93.0	90.6	93.1	90.7 93.1	90.8	90.9
≥ 1800 ≥ 1500 ≥ 1200	51.3	90.2	92.2	93.4	94.1	94.2	94.5	94,6	94.6	94.9	95.0	93.5 95.0 96.2	93.6 95.1	95.1	93.7 95.2 96.5	95.4
≥ 1200 ≥ 1700 ≥ 900	62.1	91.9	94.2	95.5	96.3	96.5	96.8	97.0	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.8
≥ 700 ≥ 800 ≥ 700	62.2	92.4	94.7	96.1	96.9	97.2	97.5	97.8	97.8	98.0		98.2	98.3 98.7	98.4	98.4	98.6
≥ 600	62.3	92.6	95.0	96.5	97.5	97.7	98.2	98.4	98.4	98.7	98.8	98.9	99.0	99.0	99.1	99.3
≥ 400	62.3	92.7	95·2	96.7	97.7	97.9	98.4	98.7	98.7	99.0	99.2	99.2	99.3	99.4	99.4	99.6
≥ 200	62.3	92.7	95.2	96.7	97.7	97.9	98.4	98.7	98.7	99.1	99.2	99.3	99.4	99.5	99.6	99.8
≥ 0	62.3		95.2	96.7		97.9	98.4		98.7			99.3		99.5	99.6	1

TOTAL NUMBER OF OBSERVATIONS_

18557

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ 1/4	≥ %	≥ 15	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	42,3 49.7	60.2 70.6		72.3				73.2	62.5 73.2		62.7	62.7	62.8 73.5	62.8		
≥ 18000 ≥ 16000	49.8 50.1	70.7 71.0			73.3	73.3	73.2 73.6		73.3 73.6	73.4 73.7	73.5 73.8	73.5 73.8	73.6	73.6	**	73.9 74.3
≥ 14000 ≥ 12000	50.8 52.7	71.9	75.2	73.7 76.0		74.2 76.6			74.5 76.9	77.0		74.7 77.1	74.8	74.9		75.2 77.5
≥ 10000 ≥ 9000	54.6 55.2	78.1 79.1	79.2 80.2	81.0	81.6		81.9	81.9	80.9 81.9	82.0		81.1 82.1	81.2	81.2	81.3 82.4	81.5 82.6
≥ 8000 ≥ 7000	56.6 57.4	81.7	82.9 84.4	,	84.4				84.8		85.0 86.6			85.1 86.8		
≥ 6000 ≥ 5000	58 · 1 59 · 3	84.4	85.7 87.8		87·3 89·5	89.6		87.8 90.0		90.1	88.0 90.2	88.0 90.2	88 · 1 90 · 3		90.4	
≥ 4500 ≥ 4000	59.6	87.0 89.0	90.5	91.5		92.4		92.7	90.6 92.8		90.8	93.0	90.9 93.1	93.1	93.2	91.3
≥ 3500 ≥ 3000	61.3 62.4 62.9	89.8 91.3 52.2	92.9		74.7	94.9		93.7 95.3	93.7		93.9	93.9	94.0 95.6	94.0	95.8	94.4
≥ 2500 ≥ 2000	63.3	92.8	94.4	95.6	1	96.5	96.8		96.2 96.9 97.1	97.0	97.2	96.4 97.2 97.3	96.6 97.3	96 • 6 97 • 3	97.4	96.9 97.6 97.8
≥ 1800 ≥ 1500	63.5	93.3	94.9	96.1	96.9	97.1	97.4		97.5	97.6	97.7		97.5 97.9		98.0	98.2
≥ 1200	63.7	93.9	95.5	96.8	97.8		98.3	98.4	98.4	98.6	98.7		98.8	98.8	99.0	99.2
≥ 900	63.7	94.0	95.7			98 • 2	98.6		98.7	98.8		99.0	99.1	99.1	99.2	
≥ 700 ≥ 600 ≥ 500	63.7	94.0	95.8	97.1	98 • 1	98 • 3	98.7	98.8	98.9	99.0		99.1	99.3		99.4	99.6
≥ 400	63.7	94.1	95.8	97.1	98.3	98 - 4	98.9	99.0	99.0	99.1		99.3	99.4	99.5	99.6	
≥ 300 ≥ 200 ≥ 100	63.7	94.1	95.8	97.2		98 - 5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.6	99.8
≥ 0	63.7	94.1	95.8	97.2	98.3	98 • 5	98.9	99.0	99.0	99.2	99.4	99.4	99.5			100 • 0

TOTAL NUMBER OF OBSERVATIONS____

19462

USAF ETAC PR 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CE'LING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	38.9 45.2					61 · 1 70 · 5	61.5		61.7	62.0		62.1	71.8	62.3		62.8 72.3
≥ 18000 ≥ 16000	45.3	67.2	68.7	69.8		70.6		71.3	71.2 71.4	71.6	71.8	71.7 71.8	72.0	71.9 72.0	72·1 72·2	
≥ 14000 ≥ 12000	45.8	70.1	71.8	73.0	73.7	71.4	71.8	74.5	72.0 74.6	74.8	75.0	72.5	75.2		72.9	73.2 75.7
≥ 10000 ≥ 9000	49.0	74.4	76.2	77.5	78.3	77.5 78.5	77.9 78.9		78.2	79.5	79.6	78.6 79.6	79.8	78.8 79.8	79.0 80.0	
≥ 8000 ≥ 7000	51.0 51.8	78.4	80.4	81.8		81.3		83.7	82.0	84.0	84.1	82.4	84.4		84.6	84.9
≥ 6000 ≥ 5000	52.6	81.8	81.9 84.0	85.4	86.5	84.6	87.2	87.4		87.8	87.9	85.7 87.9	88.1	88.1	86 • 1 88 • 3	86.5
≥ 4500 ≥ 4000	54·1 55·0	83.8	86-1	86.0 87.7	88.8	87·3	87.8 89.5	89.7	88.1		90.2	88.5 90.2	90.4	90.5	88·9 90·7	89.2 91.0
≥ 3500 ≥ 3000	55.5 56.3	86.0	88.4	89.9	91.1	90·0 91·4	91.8	92.1	90.7 92.1	91·0 92·4	92.6	91·1 92·6		91.4 92.8	91.6 93.0	91.9
≥ 2500 ≥ 2000	56.8	88.1	90.6	92.3	92·3 93·5	92.6 93.8			93.3	93.7	93.8 95.0	93.8	95.3	94 • 1 95 • 3	94.3	94.6
≥ 1800 ≥ 1500	57.4 57.6	89.0	91.6	93.3	93.8			95.6	94.8			95 · 3 96 · 1	95.5 96.3	95.6	95.8	96.9
≥ 1200 ≥ 1000	57.8 58.0	89.9	92.6	94.3	95.7	95.4	96.6	96.9	96.9	97.2	96.7 97.4	96.7		96.9	97·1 97·9	97.5
≥ 900 ≥ 800	58.0 58.1	90.2	92.9		96.2		97.1	97.4	97·1	97.8	98.0		98.2	97.9 98.3	98 • 1 98 • 4	98.4 98.8
≥ 700 ≥ 600	58.1 58.1	90.3	93.2	95.1	96.6	97.0	97.6	98.0		98.4	98.6	98.6	98.8	98 • 6 98 • 8	98.8	99.4
≥ 500 ≥ 400	58.1 58.1	90.4	93.3	1 -	96.8		97.8	98 • 2 98 • 2	98.3	98.7	98.9	98.9	99.1	99.1	99.3	99.7
≥ 300 ≥ 200	58.1		93.3	95.2	96.8	97.2	97.9	98 • 2 98 • 3	98.3	98.7	98.9	98.9	99.2	99 • 2	99.4	99.8
≥ 100 ≥ 0	58.1							98 • 3 98 • 3				98.9 98.9	99.2	99.2	99.4	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 19112

USAF ETAC JULGA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOUSSILS EL

CEILING							√ISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 3.	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	38.1 42.5				59.7 66.9	67.0		60.3	67.6	57.9	68.1	60.9	61.3			
≥ 18000 ≥ 16000	42.7	63.6		66.4	67.1		1	67.8	67.8	48.3	68.5	68.4	68.8	68.8	69.0 69.2	69.5
≥ 14000 ≥ 12000	43.5	66.7	66.3	69.3	70.3	70.4	68.8 70.8	71.0	68.9 71.0	71.3		69.5 71.6	69.9 72.0	72.0	70·1 72·2	70.6
≥ 10000 ≥ 9000	45.9	68.9	70.5 71.1	72.2	72·5 73·1	72.6	73.1 73.7	73.2	73.3 73.9	73.6 74.2	73.8	73.8	74 • 2 74 • 9	74.2	74.5	75.0 75.6
≥ 8000 ≥ 7000	47.1 48.0		73.2	74.3 76.1	75.3 77.2	75 • 5 77 • 3	76.0 77.8	76.1 78.0	76.1 78.0			76.7 78.6	77·1	77.1 79.0	77.4	77.9 79.7
≥ 6000 ≥ 5000	48.5 49.2	74.2 75.7	76 • 1 77 • 7	77.3 78.9	78 - 4 80 - 1	78 • 6 80 • 2	79.1 80.8	79.2 80.9	79.3 80.9	79.6 81.3		79.9 81.5	80°2 81.9	80.3 82.0	80.5	81.0 82.7
≥ 4500 ≥ 4000	49.5 50.1	76.3 77.8	78.3 79.8	79.6 81.2	80.8	80.9	81.5 83.1	51.6 83.3	83.3	1	82.2	82.2	82.6 84.3	82.7	82.9	83.4
≥ 3500 ≥ 3000	50.5 51.4	78.6	80.7 82.4	82.0 83.9	83.3	85.3	84.0 85.9	84.1	84.2		1 7 7 11	84.8	85.2 87.1	85.2 87.1	87.3	
≥ 2500 ≥ 2000	52.2 52.8	82.0 83.4	84.2	85.7 87.2	87.0 88.6			87.9	87.9 89.6		88.6 90.2		90.6	-		
≥ 1800 ≥ 1500	52.9	83.8	86 · 1 87 · 2	87.6 88.8	90.3		_	90 • 0 91 • 3	90.0				91.0		91.3	91.8
≥ 1200 ≥ 1000	53.6 53.9	86.0 86.9	88.4			- ;	, [92.8	- "			93.5	93.9	93.9	94.1	94.6
≥ 900 ≥ 800	53.9 54.0	87.2 87.6	89.7 90.3	91.6 92.2		-	_	94.5		95.9	96 . 2		95.7	95.7		96.4
≥ 700 ≥ 600	54 · 1 54 · 1	87.9 88.1		92.5 92.9		95.2	96.2	95.9	' '			96.7	97.1 97.7	97·1 97·7	97.4	97.9
≥ 500 ≥ 400	54 • 1 54 • 1	88.2 88.3			95·1 95·3			96.9	96.9	97.5	97.7	97.8	98.2	98.2 98.6	98 • 5	99.0
≥ 300 ≥ 200	54.1 54.1	88.3 88.3		93.3	95.4	95.9	96.9	97.3 97.3	97.3 97.4	97.9			98.7	98 • 8 98 • 9	99·0 99·1	99.5
≥ 100 ≥ 0	54 · 1 54 · 1					95.9 95.9	96.9	1		98.0 98.0		98.4 98.4	98.9 98.9		99.2	

TOTAL NUMBER OF OBSERVATIONS_

1865

USAFETAC 101.64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL + 30857157

CEILING							VISIBI	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 7%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¼	≥ ¾	≥%	≥ 5/16	≥ 54	≥ 0
NO CEILING ≥ 20000	42.4			69.0		69.8	70.1	70.2		70.6		70.8	71.1	71.1	64·1 71·4	
≥ 18000 ≥ 16000	47.1 47.2	67.2	68.3 68.4	69.2		69.9 70.0	70.3	70.3 70.4	70.4		70.8 70.9	70.9 70.9	71.3	71.3	71.5 71.5	72.1
≥ 14000 ≥ '2000	47.7	67.9 69.3	70.6	71.4		70.7 72.2	71.0 72.5	71.1			71.6	71.7	72.0 73.5	73.5	73.7	72.8
≥ 10000 ≥ 9000	50.0 50.3	71.5	73.2	74.1	74.8	74.9	75.2	74.9 75.3	74.9 75.4	75.7	75.8	75.4	76.2	76.2	76 • 0 76 • 5	
≥ 8000 ≥ 7000	51.3 52.0	74.1		77.8		78.7	77.4		77.6	79.5	79.7	78 · 1 79 · 7	- 4 - 0		78.7 80.3	79.2 80.8
≥ 6000 ≥ 5000	52.7	77.0 78.5	78.4 80.0	81.1	81.9	80.3		80.8 82.5	80.8		81.3	83.1	83.4	81.7	82.0	84.2
≥ 4500 ≥ 4000	53.8 54.2 54.5	79.0 80.1 80.8	80.6 81.7	82.9	82.5 83.8	82.6 83.9	83.0 84.3	83.2 84.4 85.2	84.4 85.2	83.6 84.8 85.6	83.7 85.0	83.8	85.3	85.4	85.6	86.9 86.9
≥ 3500 ≥ 3000	55.1 55.7	81.9	83.7	84.9	85.8	85.9	86.3	86.5	86.5		87.0	87.1 88.7	87.4	87.4	87.7	88.2
≥ 2500 ≥ 2000	56.2	84.8	86.8	88.0	1 2 2 3	89.2	90.2	89.8	89.8	90.2	90.4	90.4	90.8	90.8		91.6
≥ 1500	56.9	86.5	88.7	90.0	91.1	91.3	91.7	91.9		92.4	92.5	92.5	92.9	. • =	93.1	93.7
≥ 1000	57.3	88.0	90.4	92.0	93.2	93.4	93.9	94.1	94.1	94.6	94.8	94.8	95.1	95.2	95.4	95.9
≥ 900 ≥ 800	57.3	88.6	91.2		94.4	94.6	95.3		95.5	96.1	96.2	96.3		96 • 6	96.9	97.4
≥ 700 ≥ 600	57.3	88.9	91.6	93.6	95.2	95.5	96.4	96.7	96.7	97.3	97.5		97.9	97.9	98.2	98.7
≥ 500 ≥ 400	57.3	89.0	91.8		75.6	96.0	97.0	97.2		98.0	98.2	98 . 2	98.6	98.7	98.9	99.5
≥ 300 ≥ 200	57.3	89.0	91.8	93.9		96 . 0	97.0	97.3	97.4	98.1	98.3	78.4	98.8	98.8	99.1	
≥ 100	57.3					_		97.3			98.3	- 1				100.0

USAF ETAC $\frac{100M}{101.64}$ 0-14.5 (OLA) previous editions of this form are obsolete

CEILING VERSUS VISIBILITY

FURT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISiBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ 34	≥ %	≥%	≥ 5/16	≥ 1/4	≥ 0
NO CEIL'NG ≥ 20000	35.9 41.1	58,4	51.6 59.3	52.2 60.0	52.6 60.5	52.7 60.7		53.1 61.1	53.1 61.1	53.3 61.4	53.4 61.5	53.5	53.6 61.7	53.6 61.7	53.8 61.9	62.2
≥ 18000 ≥ 16000	41.3 41.5	58.8	59.5 59.7	60.2	61.0	60.9	61.4	61.5	61.3	61.8		62.0	_	61.9	62·1 62·3	62.4
≥ 14000 ≥ 12000	42.0	61.3	62.3		63.5	63.7	64.0		62.3	64.4	64.5	64.6		62.8	63.C	65.2
≥ 10000 ≥ 9000	44.9	64.0	65.0	65.8		65.8	66.8		66.9	67.2		67.4	67.5	67.5	67.7	68.0
≥ 8000 ≥ 7000	45.9 46.8	67.1	66.9	69.1	69.7	69.8	70.2	68.8 70.3	68.9 70.3	70.6	70.8	70.8	70.9	71.0	71.1	71.4
≥ 6000 ≥ 5000	48.1	69.9	69.6 71.1	70.4 72.0 72.7	72.6	71.3 72.8 73.5	71.6 73.1 73.9	71.7 73.3	71.7 73.3	1	72.2	72.2	74.0	72.4	74.2	72.9 74.5
≥ 4500 ≥ 4000	,9.1 49.8	71.6	72.9	73.8	73.3 74.5 75.8	74.7	75.1	75.3	75.3		75.8	74.5 75.8	76.0	76.0		76.5
≥ 3500 ≥ 3000	50.8	;	76.2	77.2	78.0	78.2	78.6 81.1	78.8	78.9		79.4	79.4	79.5	79.6	79.7	80.0
≥ 2500 ≥ 2000	53.0	79.7	81.4	82.7	83.6	83.9	84.3	84.5	84.6	84.9	85.1	85.1	85.3	85.3	85.5	85.8
≥ 1800 ≥ 1500 ≥ 1200	54.1	82.7	84.5	86.0	87.1	87.3	90.2	88.1	88.1	88.5	88.7	88.7	88.9	88.9	89.1	89.4 91.8
≥ 1000	54.9	86.0	88.2	90.0	91.3	91.6		92.6	92.6		93.2	93.3	93.4	93.5	93.7	94.0 94.8
≥ 700	55.0 55.1	86.8	89.3		93.0	93.3	94.1	94.5	94.6	95.0	95.3	95.3	95.5	95.5	95.7	96.0
≥ 600	55 · 1	87.3	90.0	92.4	94.3	94.7	95.7	96.8	96.9	96.9	97.9	97.2	97.4	97.5	97.6	98.0
≥ 400	55.1 55.1	87.4	90.2 90.2	92.7	94.7	95 • 2 95 • 3	96.4	97.0	97.3	98.1	98.4	98.4	98.8	98 - 8	99.0	
≥ 200	55.1 55.1	87.4 87.4	90.2	92.7	94.8	95 • 3 95 • 3	96.5		97.4	98.3	98.6	98•7 98•7			99.3	
≥ 0	55.1	87.4	90.2	92.7	94.8		96.5	!	97.4	98.3			99.1	99.1	99•3	100.0

TOTAL NUMBER OF OBSERVATIONS

18206

USAF ETAC 104M 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING		·					VISIBIL	IUIATZ' YII	E MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2½	≥:	≥1;	≥ ''•	ا دِ	≥ 1/4	≥ 1,	≥ , '	≥ 5,16	≥ .	≥ 0
NO CEILING ≥ 20000	30 · 1 35 · 1		45.6 52.9			46.8 54.4	54.7	54.8		55.0	47.5 55.2	55.2	55.3	55.3	47.7 55.3	كستسند
≥ 18000 ≥ 16000	35.2 35.4	52.1 52.3	53.1 53.3		54.8	54.6 54.9		55.3	55.3	55.5	55.0	55.3 55.6		55.5 55.7	55.8	56.0
≥ '4000 ≥ 2000	35.9	54.6		56.6		55.5 57.3	57.6	57.R	57.8		58.1		58.2	58.2	56.4	
≥ 0000 ≥ 9000	38.3 38.7	57.6		59.8	60.4	التث قت	60.8	61.0	6:00	61.2			61.4	61.4	61.5	61.7
000 ≤	39.8 40.5	60.7			63.7		64.1		64.3	64.5	64.7	64.7	64.8		64.9	65.0
≥ 6000 ≥ 5000	41.6 41.6	62.7	64.0	ó5.2	65.9	66.0	66.4	66.6	66.6	66.8	67.0	67.0	67.1		67.2	67.4
≥ 4500 ≥ 4000	42.2	64.0	65.5		67.4	67.5	67.9	68.1	68.1		68.5		68.6	68.6	68.6	68.8
≥ 3500 ≥ 3000 ≥ 2500	43.3	•	67.7	69.0		69.9		70.6		70.8		70.9	71.1	71.1	71.1	71.3
≥ 2000	45.7	70.9	72.8	74.5	75.5	75.7	76.2		76.5			76.9	77.0	77.0		77.3
≥ 1500	47.3	74.6	76.9	78.8		80.2		84.3	84.3	84.7	85.0	81.6	85.1	81.8		
≥ 1000	48.4			83.6	85.2 86.1	85.6		87.8		88.5	88.8	87.7	89.0	89.0	89.1	
≥ 800 ≥ 700	48.7	79.8	83.2	80.2	87.3	88.9	90.0	90.7	70.8	91.7	92.1	90.5	92.4	90.8	92.5	92.8
≥ 600	48.7	80.2		87.1	89.8		92.2	93.3	93.6	93.1	95.4	95.5	95.9	96.0	94.1	
≥ 300	48.8	80.3	83.9		1 1		93.0	94.2	94.6	96.1		97.1	97.9	98.0	98.2	98.5
≥ 200	45.8	80.3	83.9	87.4	90.3	91.3	93.0	94.3	94.7	96.3	97.2	97.4	98.5	98.6	99.0	99.1
≥ 0	40.5	60.3	83.7	87.4	90.3	¥1 • 3	73.0	74.3	79.7	70 • 3	71.3	77.4	70.0	70.7	77.	100 • 0

USAF ETAC 100 0 14-5 (OL A) nevous entrons or time form are once ete

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBII	UTY 'STATU	TE MILES)						•	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 11/2	≥ 11.	≥ 1	≥ 1;	≥ '•	≥ '5	≥ 5/1¢	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.3 37.3	50.9 57.2	51.7 58.0		59.8				54.2		54.6	54.6	54.8 61.5	54.8	55.1	55.4
≥ 18000 ≥ 16000	37.4 37.5	57.5 57.8	58.4 58.7	59.3 59.6	V	60.4	1	61.5	61.3	61.4	61.7	61.7	62.2	52.0	62.2	62.5
≥ 14000 ≥ 12000	38.0	58.5 59.6	59.4	61.4	61.2	61.2	. − ; •	62.3	62.3	62.5	62.7	63.9	64.2	64.3	63.3	63.6
≥ 10000 ≥ 9000	39.4 39.9	61.9	62.7	63.6	64.6	64 • 6	65.5	65.7	65.8	66.0	67.1	66.2	66.5	66.5	66.8	67.1
≥ 8000 ≥ 7000	40.4	63.7	64.7	65.6 66.8	66.6	66.6			67.8	67.9	68.2	68.2	68.5	68.5	68.8	69.1
≥ 6000 ≥ 5000	41.1 41.5	65.7	66.7 67.6	67.7	68.7 59.7	68.7	69.6	69.8	69.9	70.0 71.1	70.3 71.3	70.3 71.3	70.6	70.6	70.9	71.2
≥ 4500 > 4000	41.6	67.1	68.3	70.4	70.4	70.4	71.3	71.6	71.7	71.8	72.1 73.4	72.1	72.4	72.4	72.7	73.0
≥ 3500 ≥ 3000	42.2 42.6	68.8 69.8	70·1 71·3	71.2	72.5 73.8	72.5	73.3	73.6	73.7 75.1	73.9	74.2	74.2	74.4	74.5	74 8	75.0
≥ 2500 ≥ 2000	43.2	70.7 73.0	72.3	73.5 76.1	75.0 77.7	75.5 77.7	75.9 78.7	76.3 79.1	76.3	76.6	77.0	77.0	77.3	77.3	77.6	77.8
≥ 1800 ≥ 1500	44.8	73.5	75.4 76.7	76.6 78.1	78·2 79·7	78 · 2 79 · 8	79.3 80.9	79.7 81.3	79.7	80.2	80.5	80.5	80.8	80.9	81.1	81.4
≥ 1200 ≥ 1000	45.2	76.4 77.3	78.5	80.0 81.4	81.7	81.9	83.1	83.6	83.6	84.3	84.8	84.8	85.1	85.2	85.4	87.9
≥ 900 ≥ 800	45.5	77.8	80.2 80.9	82.1 83.0	84.0	84·3 85·7	87.6	86.5	86.6	87.4 89.2	87.9	87.9	88.3	83.4	88.7	89.0 90.9
≥ 700 ≥ 600	45.7	78.8 79.0	81.4	83.7 84.1	86.2	86.5	88.8	89.5	90.4	90.4	91.2	91.2	91.6	91.6	91.9	92.2
≥ 500 ≥ 400	45.7	79.1	82.1	84.4	87.4	87.8 88.5	90.5	92.5	91.4	92.5	93.3	93.3	93.9	93.9	94.3	94.6
≥ 300 ≥ 200	45.8	79.3 79.5	82.4	84.8 85.0		88.5 88.7	91.5	93.0	92.8	94.4	95.8	95.9 96.1	96.6	96.6	97.2	97.5 98.2
≥ 100 ≥ 0	45.8	79.5	82.5 82.5	85.0 85.0	88.1	88.7	91.7	93.0	93.0	94.7	96.3	96.3	97.4	97.6	98.4	98.9

TOTAL NUMBER OF OBSERVATIONS_

223

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

415868 101222020589427909246052

FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING	 						VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11%	≥ זינ	≥ 1	≥ 14	≥ 5,	≥ 'a	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	31.3 35.0	48.1 54.5	49.1 55.8	49.7 56.4	50.6 57.3	50 • 6 57 • 4	58.1	58.4	51.2 58.4	51.5 58.8	51.7 59.0	51.7 59.0	51.8	51.8	52 · 0 59 · 4	52.4 59.8
≥ 18000 ≥ 16000	35.4 35.4	55.4	56.6 56.6	56.6 57.2	58.2	57.6 58.3	59.0		59.3	59.1 59.7	59.3	59.3 59.9	59.5	59.5	59.7	60.7
≥ 14000 ≥ 12000	35.6 36.3	57.6	57.3 58.8	57.9 59.4	58.9 60.4	58.9 60.4	59.7	59.9 61.4	59.9	61.9	60.6	60.6	60.8	62.3	61.0	61.4
> 10000 ≥ 9000	37.2 37.7	60.8	61.2	62.7	62.9	63.8	7.7.	64.8 64.8	64.0	64.4 65.2	64.6	65.4	65.6	64.8	65.8	65.4
≥ 8000 ≥ 7000	38.2	63.2	64.5	63.7	66.2	64.9	67.0	67.3	67.3	66.3 67.7	66.5	66.5	66.7	66.7	66.9	67.3
≥ 6000 ≥ 5000	39.2 40.0	65.2	65.4	67.3	67.3	68.6	69.4	68.4	59.7	68.8 70.1	69.0 70.4	69.0 70.4	69.2 70.6	70.6	70.8	69.8
≥ 4500 ≥ 4000	40.7	65.9 66.7 67.4	68.3	68.9	70.2	70.3	70.1 71.0	70.4	70.4	70.9	71:1 72:0	71·1 72·0	71·3 72·2	71.3	71.5	71.9
≥ 3500 ≥ 3000	41.1	68.1	69.8	70.5	72.0	72.0	71.9	72.2	72.2	72.7	73.0 74.0	73.0	73.2	73.2	73.4	73.7
≥ 2500 ≥ 2000	42.3	71.4	70.9	74.2	73.2	76.0	77.1	77.4	74.5	75.0 78.1	75.4 78.6	75.4 78.6	75.6 78.8	75.6 78.8	75.8	76.2 79.3
≥ 1300 ≥ 1300	42.9	73.2	73.6 75.0	74.6	76.4	78.1	79.4	78.0	78.0 79.8	78.8 80.6	79.2	79.2 81.0	79.4	79.4	79.7 81.5	81.8
≥ 1200 ≥ 1000	43.5	75.8	77.8	79.5	80.1	80.2	83.7	82.0	52.2 84.3	82.9	83.4	83.4	83.7	86.1	84.0	84.3
≥ 900 ≥ 800	43.7	76.3	78.6	80.5	83.2	83.7	85.9	86.6	85.3	86.1	86.7	86.7	88.7	87.2	87.4	87.8
≥ 700 ≥ 600	43.8	77.1	79.7	82.1	85.6	86.1	88.7	89.6	89.7	90.7	79.6 91.3	89.6 91.3	90.0 91.8	90.0	92.1	90.6
· ≥ 500 ≥ 400	43.8	77.4	80.2	82.9	86.6	87·2	90.4	91.5		93.0		92.6	93.3	93.3		93.9
≥ 300 ≥ 200 ≥ 100	43.9	77.4	80.3	83.1	86.9	87.6 87.6	91.0	92.2	92.1	93.7	95.2	94.7	95.6	95.6 96.7	97.4	96.5
≥ 0	43.9	77.4	80.3	83.1			91.0			94.1			96.9	97.0 97.1	97.8	

TOTAL NUMBER OF OBSERVATIONS_

223

USAFETAC 109M 01.14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FKOM HOURLY OBSERVATIONS)

0600-0800 HOURS/EST1

CEILING					,		VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1/4	≥ 1	≥ ¾	≥ 5%	≥ ¹5	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.6 30.8	42.5		44.4 52.4	45.2 53.4	45.2 53.5		46.0 54.6			46.8	46.9	47.0	47.0 55.8	47.1 55.9	47.3
≥ 18000 ≥ 16000	31.2 31.7	50.5 51.2		52.9 53.6	53.9	54.0 54.7	55.3	55.8 55.8	55.2 55.8	55.6 56.3	56.1 56.8		56.3 56.9	56.3 57.0	56.4 57.1	56.7 57.4
≥ 14000 ≥ 12000	32.3 33.2	52.4 54.5	56.1	54.8 57.0	55.8	56.0 58.2	58.8	57.1 59.3			50.0	58.1 60.4	58.2	58.2	58.3	58,6
≥ 10000 ≥ 9000	34.0	56.7	59.0		61.1	61.2		61.7	62.4	62.2	62.7		62.9	62.9	63.7	64.0
≥ 8000 ≥ 7000	35.1 35.7	59.9	61.8	61.8	64.2	63.1	63.8	64.2 65.6		66.1	65.3	65.3	65.5	65.5	66.9	67.2
≥ 6000 ≥ 5000	36.1 36.5 36.8	62.1	64.0	63.9	65.2	66.8		68.0	66.6	67.1	67.7		67.8		68.0	68.2
≥ 4500 ≥ 4000	37.0 37.6		65.0		67.1 67.7	67.9	68.7	69.2	69.3	69.1		69.7 70.3	70.5	69.9 70.5	70.0 70.6	70.3
≥ 3500 ≥ 3000	37.9 38.2			68.5	69.9	70.1		70.3 71.4 72.4	70.4 71.5				71.6	72.7	71.7	72.0
≥ 2500 ≥ 2000	38.7			71.5	73.1	73 · 1 73 · 3	74.1	74.6	72.5 74.7 75.5	73.0 75.3 76.1	75.9		73.8 76.1 76.9	73.8 76.2 77.0	73.9	74.2 76.6
≥ 1800 ≥ 1500	39.2	70.1	72.7	74.4	76.3	76.5	77.7	78.3		79.2		79.9	80.1	80.2		80.6
≥ 1200 ≥ 1000	39.7 39.7	72.6	75.7	77.8	80.2	80.6	82.0	82.7	82.9		84.8	84.9	85.2	85.2	85.4	7 7 7 3
≥ 900 ≥ 800 ≥ 700	39.8 39.8			79.7	82.5	83.0	84.6	85.5	85.8	87.5	88.3	88.3	88.7	88.7	88.9	89.2
≟ 600	39.8	74.3	77.8	80.8	84.0	84.8	86.9	88.0		90.1		91.1	91.5	91.6	91.8	92.1
≥ 400 ≥ 300	39.8	74.4	78.0	81.1	84.7		88.3	89.5	89.8	92.3	93.6		94.2	94.3	94.7	
≥ 200	39.8	74.4	78.1	81.2	84.9	85.9	88.0	89.9	90.3	93.3	95.3	95.5	96.6	96.7		97.8
≥ 0	39.8														98.1	

TOTAL NUMBER OF OBSERVATIONS _

235

USAF ETAC

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.4-5 (OL Λ) previous editions of this form are obsolet

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53;62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			· · · · · · · · · · · · · · · · · · ·				VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 215	≥ ?	≥ 11/4	≥11.	≥ 1	≥ ¾	≥ ¼	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.3 32.5	41.2 50.7	42.7	43.5 53.8	44.3 54.6	44.4 54.9	44.7 55.3	45.0 55.7	45.1 55.8	45.4 56.1	45.5 56.2	45.5 56.2	45.5 56.2	45.5 56.2	45.5 56.2	45.5 56.2
≥ 18000 ≥ 16000	33.0 33.5	51.2 51.9	53.2 53.8	54.3 55.0	55.2 55.9	55.4 56.1	55.8 56.5	56.2 56.9	56.3 57.0		56.7	56.7 57.4	56.7 57.4	57.4	56.7 57.4	57.4
≥ 14000 ≥ 12000	34.0 35.4	52.7 55.1	54.7 57.1	58.3	56.8	57.0	59.8	57.8 60.2	60.3	60.6	60.7	50.7	60.7	60.7	60.7	58.3
≥ 10000 ≥ 9000	36.4 37.0	58.1	59.3 60.2	61.4	62.3	62.5	62.2	62.6	62.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000 ≥ 7000	37.4		62.8	62.8	65.2	65.4	66.0	66.5	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000 ≟ 7000	38.5	61.9	64.2	65.6	66.7	67.0	67.7	67.3	68.3	68.7	63.8	68.8	68.8	68.8	68.8	68.9
≥ 4500 ≥ 4000	39.0 39.3	62.6 62.5	65.0		67.7	68.1	68.7	69.3	69.4	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 3500 ≥ 3000	40.3	64.6	67.0	65.6	69.8	70.2	70.8	70.2	70.4	72.0	72.0	72.0	72.1	72.1	70.5 72.1 72.8	72.1
≥ 2500 ≥ 2000	40.7 41.1 41.2	67.1	69.8	71.7	71.3 73.4	73.9	74.7	75.4	75.5	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 1800 ≥ 1500	41.7	69.3	72.3	74.4	76.3	76.8	77.8	78.6	78.8	79.5	79.6	79.7	79.8	79.8	79.8	79.8
≥ 1200 ≥ 1000	42.4	72.4	76.0	78.4	80.7	81.4	82.9	84.0	84.4	85.6	85.8	85.8	86.3	85.3	86.3	86.3
≥ 900 ≥ 800	42.7	73.3	77.2	79.9	82.4	83.1	85.0	86.5	87.1	88.6	90.4	89.0	89.5	89.5	89.5	89.5 91.2
≥ 700 ≥ 600 ≥ 500	42.8	73.8	78.0	81.3	84.2	85.2	87.2	89 · 1	89.9	91.7	92.2	92.3	93.0	93.0	93.1	93.1
≥ 400	42.8	73.9	78.1 78.1	81.4	84.7	85.7	88.3	90.6	91.8	93.9	94.8	95.7		96.2	96.3	96.4
≥ 300 ≥ 200 ≥ 100	42.8	73.9	78.1	81.4	84.7	85.8	88.4	90.8	1	94.5	95.8	96.0	97.6	97.9	98.4	98.7 99.2
2 100	42.8		78.1	81.4	84.7	85 • 8			92.1			96 • 2		98 • 1	98.9	100 • 0

TOTAL NUMBER OF OBSERVATIONS

2379

USAFETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING			- · - · - · - · - · · · · · · · · · · ·				VISIBIL	ITY (STATU)	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥134	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CFILING ≥ 20000	32.9	45.6 56.0	46.0	46.4 57.2	46.6 57.5	46.7 57.6	46.7 57.6	46.7 57.7	46.7 57.7	57.7	46.7 57.7	46.7 57.7		57.7	46.7 57.7	46.7 57.7
≥ 18000 ≥ 16000	41.3	56.6 57.0	57.2 57.7	57.7 58.2	58.1 58.6	58 • 1 58 • 6	58.2 58.7	58.2 58.7	58.2 58.7	58.7	58.2 58.7	58.2 58.7	58.7	58.7	58.2 58.7	58.2 58.7
≥ 14000 ≥ 12000	42·0 43.4	58.2	58.8	59.3 61.6		59.8 62.0	62.1	62.1	62.1	59.9 62.1	59.9 62.1	59.9 62.1	62.1	59.9 62.1	59.9 62.1	59.9 62.1
≥ 10000 ≥ 9000	45.4	64.2	64.9	65.6		66.1	66.1	66.2	66.2		65.5	65.5	66.3	66.3	66.3	66.3
≥ 8000 ≥ 7000	47.0	66.6	67.5			68.8	67.7 68.9	67.8 69.0	69.0	69.0				69.0	69.0	1
≥ 6000 ≥ 5000	47.4 47.5	67.0 67.3	67.9 68.3	68.7 69.1	69.2 69.6	69.8	70.0	1	70 · 1			70.2	70.2	70.2	70.2	<u> </u>
≥ 450°) ≥ 4000	48.4	68.7	69.8		71.2	70.0 71.4 71.9	71.6	71.7	71.7	71.8	71.8	71.8 72.3		a	71.8	71.8
≥ 3500 ≥ 3000	49.1	70.0	70.3 71.1 73.0	72.1	72.7	72.9	73.1	73.2	73.2	73.4	73.4	73.4	4577	73.4	73.4	73.4
≥ 2500 ≥ 2000	51.0	73.8	75.2 75.5	76.6	77.3	77.7	77.9	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4 79.1
≥ 1800 ≥ 1500	51.5	76.1	77.9		80.6		84.1	81.7	81.8	82.2	82.2	82.2	82.3		82.3	82.3 85.5
≥ 1200 ≥ 1000	52.3	79.0	81.3	83.4	84.9	85.4	86.2	86.7	87.0	1		87.9		88 • 2	89.8	88 • 2
≥ 900 ≥ 800 ≥ 700	52.6	80.0		85.3	87.3	88.1	89.6 90.5		90.6	1 - 7		91.9		92.2	92.3	93.7
≥ 700 ≥ 600 ≥ 500	52.6	80.1	83.0	ا	88.2	89 • 4 89 • 7	91.3	92.3	92.7	93.8	95.7	95.9	96.6	1 - " "		95.2
≥ 400	52.6				L	89.9	92.4	94.0	94.5	96.3	97.3		98.5	98.3		99.0
≥ 200	52.6								94.7	96.4	97.5	97.8	99.0	99.0	99.6	99.9
≥ 0	52.6			1	88.7	89.9	92.4	94.1	94.8	96.4	97.5	97.8	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

238

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

C

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21 2	≥ 2	≥11/2	≥14	≥ 1	≥ 14	≥ %	≥ 1/2	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000	35.4 43.1	46.8 58.1		47.5 58.8	47.5 58.9	47.5	47.6	47.6 59.0			47.6	47.6 59.1	47.6	47.6 59.1	47.6 59.1	47.6 59.1
≥ 18000 ≥ 16000	43.6 43.6	58.6 58.7	59.4	59.5	59.5	59.6	59.6 59.7	59.6 59.7	59.6 59.7	59.7		59.7 59.8	59.7 59.8	59.7 59.8	59.7 59.8	59.7 59.8
≥ 14000 ≥ 12000	44.2	62.2	60.5	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000 ≥ 9000	48.4	65.6	66.8		67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3		67.3	67.3	67.3
≥ 8000 ≥ 7000	49.6 50.6	70.1	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.7	71.7	69.9 71.7 72.6	71.7	71.7	69.9 71.7 72.6	71.7
≥ 6000 ≥ 5000	50.9 51.1	70.9	72.3	72.6			72.5 73.1	72.5	72.5	73.2	73.3	73.3	72.6	72.6	73.3	73.3
≥ 4500 ≥ 4000	51.4 51.4	71.4 72.0 72.6		73.4	73.0 73.7 74.4	73 • 1 73 • 8 74 • 5	73.3 74.1 74.8	73.3 74.2 74.9	73.3 74.2 74.9	73.3 74.2 74.9	1		73.4	74.3	73.4 74.3 75.0	74.3
≥ 3500 ≥ 3000	51.5 52.1	73.5	74.6	75.1	75.4	75.5	75.8	75.9	75.9		76.0	75.0 76.0 77.8	76.0	75.0 76.0 77.8		76.0
≥ 2500 ≥ 2000	53.0 53.7	77.2	78.5			80 - 1	80.4	80 - 7	77.7 80.7	80.8	80.9	80.9	80.9	80.9	80.9	
≥ 1800 ≥ 1500	54.4 54.7	77.6 79.1	80.6	1 '	82.4	82.6	83.1		83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200 ≥ 1000	55.0	81.4	84.0	85.4	86.5	87.0	88.3		89.0	89.6	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900 ≥ 800	55.0	82.3	84.9	86.7	88.6	89.1		91.6	- 7	92.4	92.9	92.9		93.1	93.1	93.1
≥ 700 ≥ 600	55 · 1 55 · 1	82.5	85.4		89.3	90.0	92.4	93.6	93.9		95.2	95.4		95.7	95.8	
≥ 500 ≥ 400	55 · 1	82.8	85.8	87.9	90.2	. ~	94.0	95.5	95.8		97.6	97.7		98.3		98.7
≥ 300 ≥ 200	55.1 55.1	82.8	85.8	87.9	90.2	91 . 2	94.2	95.7	96.0	97.1 97.1	98 - 1	98.3		98.9	99.5	99.7
≥ 100	55.1			87.9	90.2	91.2	94.2	95.7	96.0							

TOTAL NUMBER OF OBSERVATIONS___

237

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ 1/4	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.2 41.8	53.6			55.3	55.3	55.4	55.4 63.2	55.4	55.5 63.3	55.6	55.6	55.7	55.7 63.5	55.7	55. 63.
≥ 18000 ≥ 16000	42.0 42.1	61.4	62.2	62.8	63.2	63.4	63.4	63.5	63.6	63.6 63.7	63.7	63.7	63.8	63.8	63.8	63.
≥ 14000 ≥ 12000	42.9	64.7	63.5		66.8	64.5	67.0	67.1	67.2	67.2	67.3	67.3	65.1	67.4	65.1 67.4	67.
≥ 10000 ≥ 9000	45.6 45.8	68.0		69.3	69.7 70.2	69.8 70.2	70.4	70.0 70.5	70·1 70·5	70.1 70.5	70.2 70.7	70.2	70.3	70.3 70.7	70.7	70.
≥ 8000 ≥ 7000	46.9	69.7 70.7	70.8		71.9	72 • 0 73 • 0	73.3	72.3	72.4			72.5	72.6	72.6	72.6	72. 73.
≥ 6000 ≥ 5000	47.5 47.8	71.5	72.7		74.0 74.8	74.8	74.2 75.0	74.4	74.4	75.3	74.6	74.6	74.6	74.6	74.7	74.
≥ 4500 ≥ 4000	47.9	72.4 72.8		74.5 75.0	75·2 75·7	75 • 2 75 • 7	75.4	75.6 76.2	75.6 76.2	76.3	75.8 76.4	75.8 76.4	75.8	75.8	75.9 76.5	75. 76.
≥ 3500 ≥ 3000	48.2	74.9	75 · 1 76 · 4	75.9	76.6	76.7 78.0		77 • 2 78 • 6	77.3 78.7	78.7	77.4	77.4	77.5	77.5	77.5 78.9	77. 78.
≥ 2500 ≥ 2000	49.0	77.1	78.9	78.3 80.1	79.1 81.0	79.2 81.1	79.6	81.7	79.8 81.8	81.9	80.0 82.0	82.0	80 · 1 82 · 1	80 • 1 82 • 1	80·1 82·1	80 · 82 ·
≥ 1800 ≥ 1500	49.7	77.6	80-7	82.1	83.4	83.5	84.2	82.4	84.6	84.7	84.9	82.8	82.8		82.9	84
≥ 1200 ≥ 1000	50 · 1 50 · 1	80.9			87.2	87.5	88.6	89.3	89.5	89.7	89.9	90.0	90.1	90 - 1	87.6 90.1	90
≥ 900 ≥ 800	50.3	81.7	84.6		88.0 88.9	89.2	90.9	91.8	90.7	92.4			91.3	91.3 92.9 93.9	91.3 93.0 93.9	91 • 93 •
≥ 700 ≥ 600	50.3 50.3	81.8 82.0 82.1		87.6	90.3		92.5		92.8 94.0 94.8	94.9		95.5	93.9	95.7	95.8	95.
≥ 500 ≥ 400	50.3		85.4	87.9	90.7	91.0 91.2 91.3	93.8		95.4	96.9	97.7	97.7	_	98.6	98.7	98
≥ 300 ≥ 200	50.3	82.2	85.4	87.9	90.9		93.8	95.2	95.5		98.0	98.2	99.1	99.2	99.4	99
≥ 100 ≥ 0	50.3	82.2		l					-	97.0	1	98.3				

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULAS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	ITY (STATU)	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.5 39.3	53·2 60,3	54.3	54.6 62.1	55·2 62.7	55 · 4 62 · 8	55.6	55.7 63.1	55.7 63.1	55.9 63.3	56.1	56.1 63.6	56.4	56.4	56.5 63.9	56.6 64.1
≥ 18000 ≥ 16000	39.5	60.5	61.8	62.3	62.9	63.0	63.2	63.4	63.3	63.6	63.8	63.8	64.0	64.1	64.2	64.3
≥ 14000 ≥ 12000	40.9	62.7	62.5	64.5	63.7	63.9	65.5	65.6	64.2 65.6	65.9	64.6	64.6	64.9	64.9	65 • 0 66 • 5	65.1
≥ 10000	42.7	66.2	67.5	68.2	67.7	67.9	69.2	69.3	69.3	69.5	69.7	68.6	70.0	70.0	69·0 70·1	70.2
≥ 8000 ≥ 7000	43.7	68.6	70.1	70.8	70.4	70.6	70.8	70.9	70.9	72.2	71.3	71.3 72.5	71.6	71.6 72.8	71.7	71.8 73.0
≥ 6000 ≥ 5000	44.2	70.2	71.0	71.8 72.8 73.1	72.5	72.7	72.9	73.1	73.1	73.3	73.5	73.5	73.8	73.8	73.9 75.0	74 • 0 75 • 1
≥ 4500 ≥ 4000	44.7	70.4 71.0 72.1	72.8	73.7	74.7	74.9	74.4	74.5	74.5	74.8	75.9	75.0 75.9	75.3	75.3	76.3	75.5
≟ 3500 ≥ 3000	45.7	73.2	74.0 75.1 76.3	76.0	77.1	76.1 77.2 78.4	76.4 77.6 78.8	76.5 77.8 79.0	76.6 77.9	76.8 78.1 79.4	78.3	78.3	78.6	77.4	77.5	77.6
≥ 2500 ≥ 2000	47.1	76.0 76.1	78.1 78.2	79.1	80.2	80.5	80.9	81.1	81.2	81.5	79.6 81.7	79.6 81.7	79.9 82.0	79.9 82.1	80.0 82.2	80.2
≥ 1800 ≥ 1500 ≥ 1200	47.6	77.7	80-1	81.4	82.8	83.1	83.5	83.7	83.8	84.2	82.0 84.4 87.1	84.4 87.1	82.3 84.7 87.4	82.3 84.8 87.4	82.4	82.6 85.1
≥ 1000	48.0 48.1	79.4	82.4	84.3	86.1	86.5	87.5	87.8	87.9	88.5	88.8	88.8	89.2	89.3	89.4	89.6
≥ 800	48.1	80.3	83.6	85.9	88.0	88.5	89.7	90.4	90.5	91.1	91.5	91.5	92.0	92.0	92.1	92.3
≥ 600	48.1	81.2	84.6	87.2	90.0	90.3	91.9	92.7	92.8	93.6	94.1	94.2	95.0	95.1	95.1	95.4
≥ 400	48.1	81.4	84.8	87.5	90.4	91.2	93.3	94.5	94.4	95.5	96.4	96.5	97.5	97.6	97.8	98.0
≥ 200	48.1	81.4	84.9	87.6 87.6		91.2	93.4	94.6	94.6	95.7 95.8	96.9	97.1 97.1	98.4	98.5	98.8	99.1
≥ 0	48.1	81.4	84.9	87.6	90.4	91.2	93.4	94.6	94.6	95.8	97.0	97.2	98.6	98.6	99.0	

TOTAL NUMBER OF OBSERVATIONS_

2349

USAFETAC JULIS 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53-62-65-67-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU)	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ 5,	≥ ⅓	≥ 5/16	≥ ⅓	≥ 0
NO CEILING ≥ 20000	33.5 36.7	50.9 55.7	56.8	57.9	58.4	53 • 5 58 • 5	58.6	53.8 58.9	53.8 58.9	54.0 59.0	54.0 59.0	54.0 59.0	54.3 59.3	54·3 59·3	54.4 59.4	54.6 59.6
≥ 18000 ≥ 16000	36.8 36.8	55.8 55.9	57.0	58.1	58.5 58.6	58 • 6 58 • 7	58.7 58.8	59.0 59.1	59.0 59.1	59.1 59.2	59.1 59.2	59.1 59.2	59.4	59.5	59.5 59.6	59.7 59.8
≥ 14000 ≥ 12000	37.7 38.6	57.0 58.4	59.6	60.8	61.3	59.9	60.0	61.7	61.7	61.9	61.9	61.9	62.2	62.2	60.9	61.0
≥ 10000 ≥ 9000	40.0	61.0	62.2	63.4	63.9	64.0		63.8	64.4	64.5	64.5	63.9 64.5	64.8	64.8		65.1
≥ 8000 ≥ 7000	41.2	62.3	66.0		65.5 67.8	65 • 6 67 • 9	68.0		68.3	68.5		68.5	68.7		68.9	69.0
≥ 600° ≥ 5000	43.7 44.5 45.3	67.8		70.8		71.4	71.5		71.8	71.9	71.9	71.9	72.2	72.2	72.3	
≥ 4500 ≥ 4000	45.5	69.7	71.8	73.1	73.7	73.8	73.9	74.2	74.2		74.3	74.3	74.6	74.6	74.8	74.9
≥ 3500 ≥ 3000	46.8	72.3	74.3	75.8	76.5	76.6	76.7	77.0	77.0		77.1	77.1	77.4		80.0	77.7 80.2
≥ 2500 ≥ 2000 ≥ 1800	48.4	75.9	1 12 1		80.9	81.0	81.3	81.5	81.5	81.8		81.8		83.1	82.3	83.4
≥ 1500 ≥ 1500	49.4	78.4	81.1	82.9	84.3	84 • 4	87.1	87.4	87.4	87.9	87.9	87.9		88.2	88.4	88.5
≥ 1000	49.8 50.1	80.9	84.7	86.3	88.2	88 • 3	90.5	90.8	90.8	91.6	91.7	90.4	92.1	92.1	92.3	92.4
≥ 800	50.2	82.0	85.3	87.6	90.2	90.4	91.9	92.3	92.4	92.9		92.9	93.9		94.1	94.2
≥ 600	50.2	82.3	85.9		91.6	91.9	94.1	93.8 94.9 95.4	93.9 94.9 95.4	95.1 96.3 96.9	95.3 96.6 97.2	95.3 96.7 97.3	95.8 97.3 97.9	97.3	97.4	97.6
≥ 300	30.2	82.3	1	88.6	91.9	92.3	94.6	95.5	95.5	97.0		97.6 97.7	98.2	98.2	98.4	98.6
≥ 200 ≥ 100 ≥ 0	50·2 50·2 50·2	82.3	85.9		91.9	92.4	94.6	95.5	95.6	97.1	97.5	97.7	98.6	98.6	98.9	L

TOTAL NUMBER OF OBSERVATIONS_

1937

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISIBIL	LITY (STATU	TF MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	٤١١.	≥ 1	≥ 3,	≥ ¾	≥ 15	≥ 5/16	3 %	≥ 0
NO CEILING ≥ 20000	31.5 34.7	46.9 51.9				49.5 54.9	1 7 7 1				51.3 56.7	51.4 56.8			- ,	52.2 57.7
≥ 18000 ≥ 16000	35.1 35.1	52.6 52.6	54.2 54.2	54.9	55.5 55.5	55 • 5 55 • 5	56.5	56.8 56.8	56.8	57.1	57.4	57.5 57.5	57.8 57.8		58 • 0 58 • 0	
≥ 14000 ≥ 12000	35.8 36.9	53.4	55.1	55.9 57.3	56.5 57.9	56 • 5 57 • 9	58.8	57.8 59.2		59.5	59.8	59.8	58.7	58.8 60.2	58.9	59.3 60.7
≥ 10000 ≥ 9000	38.1 38.4	56.9 57.3	58.6	59.8	60.5	60.5	61.4	61.8		62.0	61.9	62.4	62.8	62.8		63.4
≥ 8000 ≥ 7000	39.5 41.0	59.1 61.2	63.1	63.9	64.6	64.6	65.5		66.0		66.6				67.3	67.6
≥ 6000 ≥ 5000	41.8 42.5 42.9	64.1	66.0			67.6	68.5		69.0	69.3		69.7	70.0	70.1	68.6 70.3	70.7
≥ 4500 ≥ 4000	43.4	65.8	67.9	67.7 68.7	68.5 69.5	68.5		69.8 70.9 71.8	69.8 70.9	71.2	70.5	71.6	70.9	72.5	71.2	71.5
≥ 3500 ≥ 3000	44.5	67.8	70.0	70.9		70.4 72.2 74.2	73.1	73.6	71.8 73.6 75.7	74.0	72.5	72,5	72.9	72.9	73.1	73.5
≥ 2500 ≥ 2000	46.4	72.4	74.6	75.8	77.3	77.3	78.3	78.9		,		76.5	76.9 80.1	76.9 80.2	77.2 80.4	77.5 80.8
≥ 1800 ≥ 1500 ≥ 1200	47.3	74.9	77.3	78.6	80.1	80.2	81.4	82.1	82.1	82.8	83.2	80.8 83.2 86.5	81.2 83.7	81.3 83.7 87.0	81.5 83.9	81.8 84.3
≥ 1000 ≥ 1000	48.0	78.4	81.2	83.0		85.1	86.6	87.6	87.6	88.4		88.9	89.4		89.7	90.0
≥ 700	48.3	79.3	82.3	84.2	86.8	87.4	88.6	89.6	90.3	90.6		91.3 92.1			92.3	92.7
≥ 600	48.3			84.8	87.6	88.7	90.1	91.1	91.2	92.8	93.6	93.6	94.3	94.4	94.6	95.0
≥ 400 ≥ 300	48.3	80.0	83.1		88.3	88.8 89.0	91.4	92.7	92.9	95.0	96.0	96.1			97.2	97.6
≥ 200	48.4						91.7	93.0	93.2	95.7	96.9	97.0	98.0	98.C	98.3	98.9
≥ 0	48.4	80.1	83.2	85.3	88.6	89.1	91.7	93.0	93.2	95.7	96.9	97.1	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS___

1939

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USAF ETAC JUL 54 0-14-5 (OL A) HEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0600-0800

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	26.5	39.1 44.6	40.2	41.5 47.6	43.1	43 · 1 49 · 4	43.7	43.8	44.0 50.6	44.5	44.7	44.7 51.5	45.1	45.1 51.9	45.4	45.8 52.6
≥ 18000 ≥ 16000	29.7 29.8	45.3 45.5	46.6	48.2 48.4	50.0 50.2	50 • 0 50 • 2	50.7 50.9	51.0 51.2	51.3 51.5	51.9 52.1	52.1 52.3	52.1 52.3	52.6 52.8	52.6 52.8	52.9 53.1	53.3 53.5
≥ 14000 ≥ 12000	30.3	46.3	47.7	49.3 51.2	51·1 53·1	51 · 1 53 · 1	51.8	52 · 1 54 · 1	52.3 54.4	53.0 55.0	53.2 55.2	53.2 55.2	53.7 55.7	53.7 55.7	53.9 56.0	54.4 56.4
≥ 10000 ≥ 9000	33.1 33.5	50.9	52.4 53.1	54.8	56.8	56 • 8	57.5	57.1 57.8	57.3 58.0	58.0 58.7	58.3 59.0	58.3 59.0	58.7 59.5	58.7 59.5	59.0 59.8	59.4 60.2
≥ 8000 ≥ 7000	34.9 36.2	53.7 55.6	57.4	57.1 59.4	59.2 61.5	59.2 61.6	1	60.3	62.9	61.2 63.6	61.5	63.9	62.0	62.0	62.3	62.7
≥ 6000 ≥ 5000	36.7 37.2	56.8 58.0	58.7 60.0	60.8	62.9	63.1	63.8	64.1	64.3	65.0	65.3	65.3	67.4	65.8 67.4	66.1	66.5
≥ 4500 ≥ 4000	37.4 37.9	58.5	61.3	63.5	64.9	65 • 1 66 • 1	65.8	66.2	66.5	67.1 68.2	67.5	67.5 68.6	68.0	68.0	68.3	68.7
≥ 3500 ≥ 3000	38.4 39.1	61.6	62.3	64.6	67.1 68.7	67.2	68.0	70.1	68.7 70.3	69.3 71.0	69.7	69.7 71.4	70.2 71.8	70.2 71.8	70·5 72·1	70.9
≥ 2500 ≥ 2000	40-4	66.2	68.6	69.1 71.3	71.8	72.0	72.9	73.3 75.8	73.6 76.1	74.3 76.9	74.7	74.7	75.2	75.2 77.8	75.4 78.1	75.9 78.5
≥ 1800 ≥ 1500	41.4	66.8	69.3 72.3	71.9	74.9 78.0	75 • 1 78 • 2	76.0 79.2	76.5 79.9	76.7 80.1	77.5 81.1	77.9 81.6	77.9 81.6	78.5	78.5 82.2	78 · 8 82 · 5	79.2
≥ 1200 ≥ 1000	43.3 43.7	71.9 73.6	74.8	77.7 80.2	81.0	81.2	85.4	83.1 86.1	83.3	84.5	85.0	85.0	85.6	85.6	86.0	86.4
≥ 900 ≥ 800	43.8	73.9	77.7	81.3	84.2 85.1	84.5	85.9	86.7	86.9	88.3 89.9	89.0 90.7	90.8	89.8	89.8 91.5	90·1 91·9	90.6
≥ 706 ≥ 600	43.9	74.8 75.0	78.1 78.5	81.7	85.6	86.6	87.7	88.6	89.9	90.6	91.5	91.5	92.4	92.4	92.8	93.2
≥ 500 ≥ 400	43.9 43.9	75.2 75.2	78.7	82.5 82.6	86.8 87.0	87·2 87·5	89.6	90.5	90.9	92.9	93.9	94.1	95·1 96·1	95·1 96·1	95.6	96·1 97·1
≥ 30v ≥ 200	43.9 43.9	75.2 75.2	78.8 78.8	82.7	87.0 87.0	87.5 87.5	89.7 89.7	90.9			95.4 95.6	95.8	96.9 97.3	96.9 97.3	97.5	98.0 98.6
≥ 100 ≥ 0	43.9	-	78.8 78.8	82.7 82.7		87.5 87.5		91.0 91.0	91.5 91.5		95.6 95.6		97.4 97.5	97.4 97.5	98 • 4 98 • 5	99.2 100.0

USAF ETAC TOLER 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0900-1100

CELLING			,				VISIBI	LITY (STATE	JTE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ 3,	≥ %	≥ 1/2	≥5/16	≥ 1,4	≥ 0
NO CEILING ≥ 20000	27.2 32.2		40.4					42.8 51.1	42.8 51.2		43.1 51.5	43·1 51·5	43.2 51.6			43.2 51.6
≥ 18000 ≥ 16000	32.3 32.7	46.9		,	50.7		51.2	51.3	51.4	51.6	51.8	51.8	51.9	51.9	51.9	51.9
≥ 14000 ≥ 12000	33.2 34.4	48.0		• • •	52.0		52.4	52.6	52.7		53.0	53.0	53.1	53.1	53.1	53.1
≥ 10000 ≥ 9000	36.6 37.0	53.3 54.1				57.6	58.1	58.4	58.5	58.7	58.9	58.9	59.1	59.1	59 • 1	59.1
≥ 8000 ≥ 7000	38.1 38.6	•	59.0			60.6	61.0	61.3	61.4		61.9	61.9	62.0	62.0	62.0	62.0
≥ 6000 ≥ 5000	39.1 39.6	58.2 59.6		61.8	63.2	63.3	63.9	64.2	64.3	64.6	64.8	64.8	64.9	65.0	65.0	65.0
≥ 4500 ≥ 4000	40.0 40.5	61.5		64.4	66.0	66 • 1 67 • 2	66.7		67.1	67.4	67.6	67.6		67.8	67.8	[
≥ 3500 ≥ 3000	40.8				67.8		68.6	69.0	69.2	69.5	69.7	69.7	69.8	69.9	69.9	69.9
≥ 2500 ≥ 2000	42.5	67.9	70.3	72.6	70.9	71 · 1 74 · 6	71.8 75.3	72.2	72.4	72.8	73.0	73.0	73·1 77·0	73.2	73.2	73.2
≥ 1800 ≥ 1500	44.2			73.7 76.4	75.6 78.6		76.5	77.0 80.2		77.8			78.1	78.2 81.5	78 · 2 8 i · 5	78.2 81.5
≥ 1200 ≥ 1000	46.5		76.3 78.2	79.2	84.1	84.6	82.9	83.7		84.8	85.1	85.1	85.2		85.3	85.3
≥ 900 ≥ 800	46.6	75.4 75.8	78.8	82.8	85.1	86.8	88.2	89.3	88.0	90.8	89.5	89.6	89.9 91.8	90.0	90.1	90.1
≥ 700 ≥ 600	46.7	76.3 76.5	80.3		86.9 87.4	88.5	90.4	92.0	91.2		93.2	93.4	93.9		94.1	94.1
≥ 500 ≥ 400		76.7	80.5	84.2		89.0	91.2	93.1		95.3	96.2	96.5	97.0	97.1	97.2	97.3
≥ 300 ≥ 200	46.8	76.7	80.5	84.2	87.9	89.i		93.5	94.4	96.3	97.5 97.8	97.8	98.4	98.5		98.9
≥ 100 ≥ 0		76.7 76.7	80.5	84.2		89.1	91.5	93.6	94.5	96.4	97.8	98.1	98.8	99.0	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS_

215

USAFETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AS OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥132	≥ 1%	≥ 1	≥ 14	≥ 5,	≥ '2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.8 39.8	44.0 53.8	44.6 54.5	44.8 54.7		45 • 0 55 • 1	45.1 55.2	45.1 55.3	45.2 55.3		45.2 55.4	45.2 55.4	45.2 55.4	55.4	45 · 2 55 · 4	55.4
≥ 18000 ≥ 16000	40.5	54.2 54.7	54.9 55.4	55 • 1 55 • 7	55.5 56.0	55 • 5 56 • 0	55.7 56.2	55.8 56.3	55.8 56.3	55.8	55.8 56.4	55.8 56.4	55.8 56.4	56.4	55.8 56.4	55.8 56.4
≥ 14000 ≥ 12000	41.4	55.6	56.3	57.9	58.3	57.0 58.3	57.1 58.5	57.2	57.2 58.6	57.3	57.3 58.7	57.3 58.7	57.3 \$8.7	58.7	58.7	58.7
≥ 10000 ≥ 9000	44.1	59.6	61.1	61.5	61.9	61 • 1 62 • 0	61.3 62.2	51.3 62.2	62.2	62.3	62.3	62.3	62.3	1	62.3	
≥ 8000 ≥ 7000	44.9		62.9 64.1 64.9	64.5	65.0	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000 ≥ 5000	46.2	64.8	65.7	66.2	66.8	66.8	67.1	67.2	67.3	68.3	67.4	67.4	67.4	67.4	67.4	68.3
≥ 4500 ≥ 4000 ≥ 3500	47.3	66.5	67.6	68.2	68.8	68.8	69.2	70.5	69.3 70.5	69.5	69.5 70.7	69.5 70.7	69.5	70.7	70.7	70.7
≥ 3500 ≥ 3000 ≥ 2500	49.2	69.0		1 -	71.8	71.8	72.2	72.3	72.4	74.8	72.5	72.6	75.0	75.0	75.0	75.0
≥ 7000	52.4	74.2	77.0	76.9		77.9	79.6		78.5	80.1	78.8	78.8	80.3	80.3	80.3	80.3
≥ 1500	54.9	80.2	82.4	84.0	85.3	82.9 85.6	86.2	86.5	86.7	87.1	87.2	84.1				=
≥ 1000	55.2	81.7	84.3	86.9	89.0		90.4	91.0	91.3			90.9 92.1 94.1	90.9 92.1 94.1	92.1	92.2	
≥ 800	55.3 55.3	82.3		88.1		90.7 91.7 92.3	93.0	93.7	94.1	95.1	95.4	95.6	95.7	95.7	95.9	95.9
≥ 600 ≥ 500 ≥ 400	55.4		85.3		91.6	92.6	94.5	95.5	95.9	97.3	97.6		97.9	97.9	98 - 1	
≥ 300 ≥ 200	55.4		85.5		91.7	92.8	94.5	95.9	96.3	98.0	98.8	98.9 99.1	99.0	99.3	99.7	99.8
≥ 100 ≥ 0	55.4	82.6	85.5	88.6	91.7				96.3		98.8 98.8	99.1				99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE COSSICETE

CEILING VERSUS VISIBILITY

13921

FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	220	≥ ?	≥ 1½	≥1.	≥ 1	≥ ^•	≥ '1	≥ '3	≥ 5/:6	≥ '•	≥ 0
NO CEILING ≥ 20000	34.0 42.0	44.7 55.2	44.9 55.5		45.2 55.8	45 · 2 55 · 8		55.9			55.9	55.9	45.2 55.9		- · · · = 1	45.2
≥ 18000 ≥ 16000	42.3 42.9	55.5 56.1	56.5	56.7	56.1 56.7	56 · 1 56 · 7		56.8	56.2 56.8			56.8	56.2 56.8	56.8	56.8	56.2 56.8
≥ 14000 ≥ 12000	43.8	57.2 58.5	58.8	57.7 59.1	57.8 59.2	57.8 59.2	57.9 59.2	59.2	57.9 59.2	59.2	57.9 59.2	59.2		59.2	59.2	57.9 59.2
≥ 10000 ≥ 9000	46.7	61.7	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000 ≥ 7000	48.6 49.3	63.8	65.6			66.0	66.0	66.0		66.0				66.0	66.0	
≥ 6000 ≥ 5000	50.7	68.2	68.8	69.3	69.5	69.5	69.6		69.6	69.6	69.6	69.5	69.6	69.6	69.6	69.6
≥ 4500 ≥ 4000	51.4	70.2	71.1	71.7		72.0	72.0	70.6	72.1	72.1	72.1			72.1	72.1	
≥ 3500 ≥ 3000	52.7	71.3 72.8 75.3			73.1	74.9	75.0	73.3 75.0 77.8	75.0	75.1	75.1	75.1	73.3	75.1	75.1	73.3
≥ 2500 ≥ 2000	57.0 57.5		80.3	81.6	77.5 82.0 83.3	82 . 1	82.2	82.3	82.3	82.5		82.6	82.6	82.6	82.6	
≥ 1800 ≥ 1500	58.2 58.5	82.0	83.8	85.2	86.0	86.3	86.5	86.7	86.7		£7.0	84.0 87.0 90.7	87.1		87.1	84 · 1 87 · 1
± 1200 ≥ 1000	58.5	84.5	87.2		90.7	91.1	91.7	92.0	92.0		92.7	92.7	92.8	92.8	92.8	92.8
≥ 900 ≥ 800	58.6	84.7	87.7	90.7	92.2	92.9	93.7	94.1		94.7	95.3	95.3	95.4		95.4	95.4
≥ 700 ≥ 600	58.6	84.8	87.9	91.1		94.0	95.4		96.0	96.8	97.5	97.5	97.7	97.8	97.8	97.9
≥ 500 ≥ 400	58.7	85.0	88-1	91.3	93.3	94.3	96.0	97.0	97.1	98.0	98.6	98.7	98.8	98.9		99.0
≥ 300 ≥ 200 ≥ 70	58.7	85.0	88.1	91.3	93.4	94.4	96.1	97.1	97.2	98.2	99.1	99.2	99.6	99.7		99.9
≥ Yi ≥ V			88.1												99.9	

TOTAL NUMBER OF OBSERVATIONS_

215

USAF ETAC $^{\rm roem}_{\rm locate} = 0.14-5 \, ({\rm OLA})$ merious editions of this form are obsolete

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING					-		VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	22	≥ 1'5	≥ 11.	≥ 1	≥ 14	≥ 1/4	≥', i	≥ 5/+6	≥ '•	≥ 0
NO CEILING	37.5	50.7 58.2	51.0			51.7 59.2	-3 1		51.8		51.9 59.4	51.9 59.4	51.9 59.4	51.9 59.4	1	
> 18000 = 16000	42.9	58.8 59.0		59.4 59.6	- 1	59.8	1 1	59.9	59.9	59.9 60.2	60.0	60.0	1	60.0	60.0	60.3
≥ 14000 ≥ 12000	43.5	59.6 61.5			62.6	60.8	62.8		62.9		61.0	61.0 63.6	63.0	61.0		63.0
≥ 10000 ≥ 9000	46.2	63.8	64.6	65.1	64,9	65.4	65.2		65.2	65.6		65.7		65.7	65.7	65.7
≥ 8000 ≥ 7000	48.0	67.5			68.7	67.5	69.2	69.2	67.7	69.2	69.3		69.3	67.8 69.3	69.3	69.3
≥ 6000 ≥ 5000	49.5 50.3	68.4 69.8		71.4	69.8 71.6 72.7	70.0 71.8 72.8	71.9	70.1 71.9 72.9	70.1 71.9 73.0	70.1 71.9 73.0		70.2 72.0 73.1		72.0	70 · 2 72 · 0 73 · 1	
≥ 4500 ≥ 4000	51.4	72.1	72.9	73.9	74.2	74.4	4.5	74.5	74.5	74.5	74.6	74.6		74.6	74.6	74.7
≥ 3500	52.9	75.2	76.3 78.4	77.7	78.1	78.3	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500 ≥ 2000 ≥ 1800	34.8	79.6		84.5	84.3	85.6	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85 • 1	85.1
≥ 1500 ≥ 1200	55.4	82.2	84.6	87.1	88.1	90.5	91.1		89.C	. 1.4	91.6	91.6	89.1	91.6	89 • 1 91 • 6	89.2 91.6
≥ 1000	55.8	84.1	87.4	90.2	91.3	91.5	92.3		92.7	92.8	93.0	93.0		93.1	93.1	93.1
≥ 800	55.8	84.8 84.9			I	93.9	_ '	94.7	94.8		96.4	95.5	96.5	95.5	95.5	
≥ 600	55.8	85.0	88.2	91.4	93.7	94 3					98.0	98.0	, -,	97.6	3	98.3
300	1 1	85.1	1		11	94.8	96.2	97.2	_	_	98.5 98.8			98.8	99.3	
= 100 >= 0	55.9 55.9	85.1 85.1	,		94.1		96.4	97.2		98.0	98.9	98.9	99.0	99.4	99.5	

TOTAL NUMBER OF OBSERVATIONS 210

USAH ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

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FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	2 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 1%	≥11.	≥ 1	≥ '.	≥ '•	≥ ′5	≥ 5/16	≥ ⅓	≥ 0
NO CEILING ≥ 20000	36.6 40.4	53.8 59.3	54.4 60.1	55.0 60.7	55.0 60.8	55.0 60.8		55.2 61.0	55.2		55.3 61.1	55.3 61.1	55.3 61.1	55.3 61.1	55.4 61.2	55.4 61.2
≥ 18000 > 16000	40.8	60.0	60.7	61.3	61.5	61.5	61.7	61.7	61.5	61.8	61.8	61.8	61.5	61.8	61.7	61.7
≥ 14000 ≥ 12000	41.6	62.6	61.7	62.4	62.4	64.2		62.6	62.6	64.5	62.7	64.5	64.5	64.5	62.8	64.5
> 10000 ≥ 9000	44.0	65.0	66.1	66.9	67.0	67.0		66.3	67.2		67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000 ≥ 7000	45.3 46.7 47.4	66.8 68.9	70.1	71.0	71.0	71.0	71.2	69.1 71.2	71.2	69.2 71.3	69.2 71.3	69.2 71.3	69.2 71.4	71.4	71.4	71.4
≥ 6000 ≥ 5000	48.4	71.7	71.1 73.0 73.8	74.1	72.2	72 · 2 74 · 3	72.3	72.4	72.4	72.5	72.5	74.6	72.5	72.5	72.6	72.6
≥ 4500 ≥ 4000	49.4	73.4	74.9	76.2 77.6	75.1 76.4 77.8	76.4 77.8	75.3 76.6 78.0	75.3 76.6 78.0	75.3 76.6 78.0	76.7 78.1	76.7	75.4 76.7 78.1	75.5 76.7 78.2	76.7	76.8	75.5 76.8 78.2
≥ 3500 ≥ 3000	50.1 51.0	76.0	77.7	79.1	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9
≥ 2500 ≥ 2000	51.4	79.2	81.3	83.0	4.5	83.8	84.0	84.0	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4
≥ 1800 ≥ 1500 ≥ 1200	51.8	81.9	84.4	86.5	87.6 90.1	90.2	90.4	88.0	88.0	88.3	88.3	88.4	88.4	88.4	88.5	88.5 91.1
≥ 1000	52.3 52.5	54.4 84.8	87.5	90.0	91.8	91.9	92.2	92.5	92.5	92.8	92.9	93.0	93.0	93.0		94.0
≥ 80° ≥ 700	52.5	85.1 85.2	88.7	91.0	93.2	93.8	93.7	94.0	94.0		94.6	94.9	95.0	95.0	95.1	95.1
≥ 600	52.5		88.9	91.6	94.1	94.3	95.0		95.6		96.7	97.0 98.0	97.1	97.1	97.2	97.2
≥ 400	52.5		89:1	91.9	94.6	94.8		96.5	96.8	97.8	98 · 1 98 · 3	98.5 98.7	98.7	98.9	99.0	
≥ 200	52.5	-:-4			94.6		95.8	96.6		97.9		98.7	99.0	99.i		
≥ 0	5 %	85.	8" - 1	91.9	94.6	94.8	95.8	96.6	96.9	97.9	98.3	98.7	99.1			100.0

TOTAL NUMBER OF OBSERVATIONS _

2107

USAFETAC 10/14 C 14-5 (OLA) PREVIOUS EDITIONS OF 1415 FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-65,67-71

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING	-						VISIBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2';	≥ 2	≥ 1/2	≥ 11.4	≥ 1	≥ 3,	≥ 16	≥ '	≥ 5/16	≥ '4	≥ 0
NO CEILING ≥ 20000	34.7 39.2	59.2		60.1	53.5 60.7	53.6 60.8	61.0		53.8 61.1		53.8 61.1	53.8 61.1	54.0 61.3	54.0 61.3	54.0 61.3	54.1 61.4
≥ 18000 ≥ 16000	39.2 39.2	59.3	59.7 59.8		60.7	60.9	61.1	61.2	61.1		61.3	61.3		61.4	61.3 61.4	61.5
≥ '4000 ≥ 12000	39.8 40.4	59.9 60.8	61.3		62.4	62.5		61.8	62.8	62.8	61.8	61.8	63.0	63.0	63.0	62.1
≥ 10000 ≥ 9000	41.8	62.4	63.6	63.4	64.7	64.8	64.3	64.5	64.5	65.2	65.2	65.2	65.4	65.4	65.4	65.5
≥ 8000 ≥ 7000	43.6	65.9	66.4	66.9	67.5	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.2	1 1 1	68.2	68.3
≥ 6000 ≥ 5000 ≥ 4500	44.4	68.4	69.2		70.4	70.5		70.9 71.4	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.2
≥ 4000 ≥ 3500	45.1 45.7	69.8 71.0	70.6	71.3	72.0	72.1	72.3	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.9
≥ 3000	46.6	72.5	73.4	74.3	75.2 77.8	75.3 78.0	78.2	75.7	75.7	75.7 78.4	75.8 78.5	75.8 78.5	75.9	75.9 78.6	75.9 78.6	76.1
≥ 2000	48.8	78.8	79.9 80.9	82.2	81.9	82.0	83.5	82.5	83.7	82.5	83.9	82.6	84.0	82.7	82.7	84.2
≥ 1509 ≥ 1200 ≥ 000	50.4 50.7	81.5 83.3 84.6	83.2 85.1 86.5	84.5 86.9 88.4	85.8 88.1 89.8	88·3 90·0	86.3 83.5 90.6	96.5 91.0	86.5 89.1 91.0	86.6 89.2 91.1	86.9 89.5 91.6	86.9 89.5 91.7	87.0 89.7 91.8	87.0 89.7 91.8	87.0 89.7 91.8	87.2 89.9 92.0
≥ 900 ≥ 800	50.7	84.7	85.7	88.7	90·2 91·6	90.3	91.0	91.4	91.5	91.6	92.2	92.2	92.4	92.5	92.5	92.6
700 ≥ 600	50.7 50.7	85.7	87.7 88.2	90.0 90.8	92·0 92·8		93.3	93.9	94.0 95.1	94.2	94.9	94.9	95.2	95.3 96.4	95·3 96·4	95.5
≥ 500 ≥ 400	50.7 50.7	86.3	88.4	91.3	93.4 93.6	93.5	95.3	95.7 96.0	95.8 96.2	96.4 96.8	97.1 97.7	97.2 97.7	97.5 98.0	97.5 98.1	97·6 98·1	97.7
≥ 300 ≥ 200	50.7	86.3		91.4	93.6	93.9		96 • 1 96 • 2	96.3	97.2	98.1	97.9	98.3	98.4	96.4	99.3
≥ 100 ≥ 0	50.7	86.3		_ = ' '		-	95.7 95.7	96 • 4 96 • 4	96.6 96.6		98.3 98.3		99.1			99.7 100.0

TOTAL NUMBER OF OBSERVATIONS

2133

USAF ETAC 10th 0-14-5 (OLA) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-65,67-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 15	≥ 5/16	≥ ⅓	≥ 0
NO CEILING ≥ 20000	32.4 36.0	49.3 55.1	50.6 56.6		52·1 58·3	52 · 1 58 · 3			52.4 58.9		52.7 59.1	52.7 59.1	52.8 59.2		52.8 59.3	52.9 59.5
≥ 18000 ≥ 16000	36.2 36.2	55.3 55.4	56.8 56.9	57.5 57.6		58.6 58.7	59.2	59.2	59.2 59.2	59.5	59.4 59.5	59.4 59.5	59.5 59.6		59.6 59.6	59.8 59.8
≥ 14000 ≥ 12000	36.6	55.9 57.0	57.4		59.2	59.2 60.4	60.9	59.8 61.0	59.8 61.0	61.2	61.2	60.0	61.3	60.1	6q.2	61.6
≥ '0000 ≥ 9000	38.2 38.6 39.3	58.8 59.5		62.0		63.2	63.7	63.7	63.7	64.0	64.0	64.0	64.0		63.4	64.3
≥ 8000 ≥ 7000	40.3	62.0				65.9	66.4	65.2	65.2 66.4 67.6	66.7	65.4	66.7	66.8	66.8	66.8	67.0
≥ 6000 ≥ 5000	41.4	64.9	66.9	68.0		69.3	69.9	70.6	69.9		67.9 70.2 70.9	70.2	70.3	70.3	70.3	70.6
≥ 4500 ≥ 4000 ≥ 3500	42.2	66.2	68.2	69.4	70.8	70.8	,	71.6	71.6		71.9	70.9 71.9 72.7	71.0 72.0 72.8	71.0 72.0 72.8	71.0 72.0 72.9	71.3 72.2 73.1
≥ 3500 ≥ 3000 ≥ 2500	43.4	68.7	70.9	72.4	73.9	74.0	47.4	74.7	74.7	75.0	75.0 77.8	75.0		75.1	75.2	75.4
≥ 2000 ≥ 1800	45.7	74.2	76.9	,	80.2	80+3		81.2	81.2	81,5	81.6	81.6		81.7	81.7	82.0
≥ 1500	47.0	77.6	80.9	82.7	84.7	84.8	85.8	85.9	85.9	86.1	86.3	86.3	86.4	86.4	86.5	86.7
≥ 1000	47.7 47.7	80.9	84.2	86.2	88.4	88.5	1	89.9 90.9	90.9			90.6	90.9		91.0	
≥ 800 ≥ 700	47.7	82.1	85.4	88.5	91.3	90.3	92.9	93.5	92.3	94.1	94.5	93.0	93.4	93.4	93.4	93.7
≥ 600	47.8	82.7	86.4	89.4	92.3	92.5	94.4	95.0	95.1	96.1	96.5	95.6	97.1	97.1	96·1	96.3
≥ 300	47.8	82.9	86.9	89.7	92.9	93.1	95.3	96.0	96,2	97.2	97.6	97.6	98.2	98 . 2	97.8	98.5
≥ 100	47.8	82.9	86.9	89.7	92.9	93.1	95.4	96.1	96.3	97.5	98.0	98.0	98.9	98.9		99.7
≥ 800 ≥ 700 ≥ 600 ≥ 500 ≥ 400 ≥ 300 ≥ 200	47.7 47.8 47.8 47.8 47.5 47.5	81.6 82.1 82.5 82.7 82.8 82.9 82.9	85.4 86.4 86.4 86.7 86.8 86.9	87.7 88.5 89.0 89.4 89.7 89.7	90·2 91·3 91·9 92·3 92·6 92·9 92·9	90.3 91.5 92.6 92.5 92.8 93.1 93.1	91.7 92.9 93.7 94.4 95.3 95.3	92.2 93.5 94.4 95.0 95.6 96.0 96.0	92.3 93.6 94.5 95.1 95.7 96.2 96.2	92.6 94.1 95.2 96.1 96.7 97.2 97.4	93.0 94.5 95.6 96.5 97.1 97.6 97.9	93.0 94.5 95.6 96.5 97.1 97.6 97.9	93.4 94.8 96.0 97.1 97.8 98.2 98.8 98.9	93.4 94.8 96.0 97.1 97.8 98.2 98.8	93.4 94.9 96.1 97.1 97.8 98.3 98.9	999

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC PDL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(EILING							VISIBIL	.try (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⁄3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.7	37.4	39.0 46.8	48.0	41.4	41.7	42.1 50.2	42.4 50.6	42·4 50·6	42.9 51.2	42.9 51.3	43.0	43.4	43.4 51.8	43.5 51.9	43.9 52.4
≥ 18000 ≥ 16000	29.1	45.3	47.2 47.3	48.5	49.9	50 • 1 50 • 2	50.6 50.7	51.1 51.2	51.1 51.2	51.6 51.7	51.7 51.8	51.8 51.9	52.2 52.3	52.2 52.3	52.3 52.4	52.8 52.9
≥ 14000 ≥ 12000	29.9 30.8	47.9	48.6	51.2	52.7	51.6 53.0	52.1 53.5	52.5 54.0	54.0	53.1 54.6	54.7	53.3 54.8	53.7 55.2	53.7 55.2	53.8	54.3 55.8
≥ 10000 ≥ 9000	31.7	49.9 50.4	51.9	53.8		55 · 2 55 · 9	55.7 56.4	56.2	56.9	56.8		57.1 57.7	57.5	57.5	58.2	58.1 58.8
≥ 8000 ≥ 7000	33.2	54.7	57.1	56.8 58.7	60.6	58.9	59.5	62.2	62.2	62.8	62.9	63.0	61.2		63.5	61.9
≥ 6000	35.1 35.7	56.2 58.2 58.7	58.8	63.0	65.1	65.4	66.2	66.7	66.7	64.8	65.0	67.6	68.0		68.2	68.7
≥ 4500 ≥ 4000	36 · 2 37 · 1 37 · 9	59.9	62.8	64.8	65.7 67.1	66 • 0 67 • 4	68.2	68.7	67.3	67.9	69.6	68.2	70.1	68.6 70.1	68.8 70.2	69.3 70.7
≥ 35°′ ≥ 3000	38.3	62.0	65.0	66.0	69.8	70.2	70.9	70.2 71.6 74.7	70.2 71.6 74.7	70.9 72.3 75.4	72.5 75.6	71.2 72.6 75.7	71.5 73.0	71.5 73.0 76.1	71.7	73.6
≥ 2500 ≥ 2000	40.9		70.9	73.6	76.5	76.9	77, B	78.5	78.5	79.2	79.4	79.5	80.0		80.1	80.6
≥ 1800 ≥ 1500 ≥ 1200	42.	71.2	75.0	77.9	81.0	81.4	82.4	83.2	83.2	83.9	84.2	84.4	84.8	84.8	84.9	85.4
≥ 1000 ≥ 1000 - 900	43.2	74.2	70.3	81.6		85.9	87.1	87.9	88.1	90.0	90.5	90.6	90.1	90.1	90.2	90.7
≥ 800 ≥ 700	43.3	75.0 75.4	79.3		87.2	87.9	90.3	1	90.5	91.5	92.0	92.1	92.7	92.7	92.9	93.4
≥ 600	43.4	75.6	80.2		88.8	89.6	91.1	92.3	92.6		94.4	94.6	95.3	95.5	95.6	96.1
≥ 401	43.4	75.9	80.6	84.9	89.6	90.4	92.1	93.3	93.8	95.4	96.0	96.2	97.1	97.3	97.6	98.1 98.5
≥ 200	43.4	75.9 75.9	80.6	85.0	89.7	90.5	92.3		94.1	95.8	96.4	96.7	97.6	97.9	98 • 3 98 • 6	99.0
≥ 0	43.4	75.9	80-6	85.0	89.7	90.5	92.3	93.6	94.1	95.9	96.6	96.8	97.9			100.0

TOTAL NU"BER OF OBSERVATIONS

USAF ETAC FORM O 14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FURT LEAVENWURTH KANS/SHERMAN AAF 37-45,47-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0900=1100

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	25.4 32.3	38.7 48.4	39.4 49.3	40.2 50.1	40.6 50.7	40.9 51.0	51.3	41·1 51·5	41·1 51.5	41.2 51.6	41.2 51.6	41.2 51.6		41.2 51.6	41.2 51.6	51.7
≥ 18000 ≥ 17000	32.5 32.7	48.6 48.8	49.5 49.7	50.3 50.5	50.9 51.1	51.2 51.4	51.5 51.7	51.7 51.9	51.7 51.9	51.8 52.0	51.8 52.0	51.8 52.0	51.6 52.0	51.8 52.0	51.8 52.0	52.0
≥ 14000 ≥ 12000	33.5 34.5	50.1 51.6	51.1 52.6	51.9 53.5	52.6 54.2	52.9 54.6	54.9	53.4 55.1	53.4 55.1	53.4 55.2	53.4 55.2	53.4 55.2	53.4 55.2	53.4 55.2	53.4 55.2	53.5 55.3
≥ 10000 ≥ 9000	35.5 36.0		55.5	55.9 56.5	56.7 57.2	57.6	58.0	57.6 58.2	57.6 58.2	57.7	57.8 58.3	57.8 58.3	58.3	57.8 58.3	58.3	57.8 58.3
≥ 8000 ≥ 7000	36.8 38.0	58,5	58.2 59.9	61.2	62.0	62.4	62.8	63.0	63.0	63.1	61.3	63.2	53.2	63.2		63.2
≥ 6000 ≥ 5000	39.1	61.2	63.0	62.8 64.4	63.6 65.4	65.7	66.2	64.5	64.6	64.8 66.6 67.2	64.8	64.8	66.6	64.8		است کا
≥ 4500 ≥ 4000	40.1	63.1	65.0	66.5	67.7	68 • 1	68.7	68.9	69.0		69.2	69.2	69.2	69.2	67 · 2 69 · 2	69.3
≥ 3500	42.5	67.1	59.1	70.7	71.9	72.4		73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	
≥ 2500 ≥ 2000	45.9	73.8	76.0	77.8	79.1	79.6	80.2	80.5	80.6	80.8	80.8	80.8		80.8	80.8	80.9
≥ 1800 ≥ 1500 ≥ 1200	47.0	76.6 78.8	79.1	81.2	82.8	83.3	84.0	84.4	84.4		84.7	84.7	84.7	84.7	84.7	84.8
≥ 1000	48.2	80.5	83.4	86.1	88.2	90.3	90.1	90.7	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.5
≥ 800	48.5	81.8	85.0	88.1	90.5	91.5	92.9	93.6	93.7	94.3	94.5	94.5	94.6	94.6	94.6	
≥ 600	48.5	82.8	86.0		91.8	93.1	94.8	95.6	95.8	96.6	96.9 98.2	96.9 98.2	96.9	97.0	97.0	97.1
≥ 400	48.5	82.8	86.2			93.7	95.7	96.9	97.1	98.4	98.7	98.8	98.9	99.0	99.2	99.3
≥ 200	48.5	82.9	86.3		92.4		95.7	97.0	97.2	98.5	99.0	99.1	99.5	99.5	99.7	99.8
≥ 0	48.5	82.9	86.3	89.6		93.8	95.7	97.0	97.2	98.5	99.0	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $^{609M}_{-9164}$ 0-14-5 (OL A) previous editions of this form are onsolete

CEILING VERSUS VISIBILITY

1.

FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

LEILING							VISIBIL	IUTATZ, YTI	E MILES)							
(FEET)	≥ 16	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥14	≥ 1	≥ 1,4	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.4 38.1	40.9 51.5	41.3 52.0	52.3		41.7 52.7		41.8 52.7	41.8 52.7	41.8 52.7	41.8 52.7	41.8 52.7	41.8 52.7	52.7	41.8 52.7	
≥ 18000 ≥ 1600C	38.3 38.5	51.6 52.0	52.2 52.5	52.8	52.8 53.2	52 · 8 53 · 2	53.2	52.9 53.2	52.9 53.2	52.9 53.2	52.9 53.2	52.9 53.2	52.9 53.2		52.9 53.2	52.9 53.2
≥ 14000 ≥ 12000	39.3		53.7 55.0			54.3	55.9	55.9	54.4 55.9	54.4	55.9	54.4	54.4 55.9	54.4 55.9	55.9	55.9
≥ 10000 ≥ 9000	41.4	57.6			59.3	59.3	59.3	59.3	58.7 59.3	59.3	59.3	59.3	59.3		59.3	59.3
≥ 8000 ≥ 7000	42.7	61.2	62.3	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
≥ 6000 ≥ 5000	44.3	64.8	63.6	65.7	66.2	66.2	66.2	64.6	66.3		66.3	64.6	66.3	66.3	64.6	66.3
≥ 4500 ≥ 4000	45.8 46.5 48.1	66 • 2	67.5		67.0	67.0 68.6 70.8	1	67.0 68.7	67.0	. 71			68.5	68.8		68.8
≥ 3500	50.6 52.5		73.2	73.9	74.6	74.6	74.7	74.7	74.9	74.9		74.9	74.9			74.9
≥ 2500 ≥ 2000	54.7	79.5	81.3	82.3	83.1	83.1	83.3	83.4	83.5	83.6	83.6	83.5	83.6	83.6		83.6
≥ 1800 ≥ 1500	56.2	83.2		1 7 7 1	87.4	87·4 90·4	87.7 90.7	87.7	87.8	88.0	88.0			- ·		ا ند د
≥ 1200	57.1	86.5	89.2	91.0		92.5		93.3	93.4	93.6		93.7	93.7	93.7	93.7	93.7
≥ 900 ≥ 200	57.5 57.5	87.3	90.2		93.7	94.7	94.7	95.9	95.3	95.5	95.7	95.7	95.8		95.8	
≥ 700 ≥ 600	57.5 57.5	87.6	90.5		94.6	95.0	95.9	96.3	96.5	96.9	97.2	97.2	97.3	97.3		97.3
≥ 500 ≥ 400	57.5	87.7			95.0		96.6	97.2	97.4	98.2	98.5	98.6	98.8			99.1
≥ 300 ≥ 200 ≥ 100	57.5	87.7	90.7	93.0	95.0	95.5	96.7	97.4	97.6	98.6 98.6	99.0	99.0	99.3	99.5	99.7	99.9
2 0	57.5				95.0			97.4	97.6	98.6	99.0			99.5		100.0

TOTAL NUMBER OF OBSERVATIONS __

2366

USAF ETAC JULIS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE "MODIFIE

CEILING VERSUS VISIBILITY

C

FURT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATUI	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≟ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	30.7 39.2		40.5 52.9	40.6 53.0		40 • 8 53 • 2	53.2	40.8 53.2	40.8 53.2	40.6 53.2	40.8 53.2	40.8 53.2	40.8	40.8 53.2	40.8 53.2	53.2
≥ 18000 ≥ 16000	39.3	52.6	53.0 53.1	53.2 53.3	53.3 53.4	53.3 53.4	53.3	53.3	53.3 53.4	53.4	53.4	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5	53.4 53.5
≥ 14000 ≥ 12000	40.0 41.1	54.8	55.4	54.0 55.6	55.7	55.8	55.8	54.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	54.2 55.8
> 10000 ≥ 9000	42.2	57.8	58.5	58.6	58.8	58 • 0 58 • 8	58.8	58.0 58.8	58.8	58.8	58.9	58.0 58.9	58.9 58.9	58.9	58.9	58.9
≥ 8000 ≥ 7000	44.1 45.6	62.3	63.0	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	61.2	61.2
≥ 6000 ≤ 5000	46.6	66.0	66.8	65.0 67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500 ≥ 4000	48.0 50.0	69.8	70.7	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	68.4 71.3	68.4 71.3 73.3
≥ 3500	51.1 53.3		72.6	72.9	73.1	73 · 2 77 · 2	73.2 77.3	73.2	73.2	73.2 77.4 81.6		73.3	77.4	73.3 77.4 81.7	73.3	77.4
≥ 2500 ≥ 2000	55.2 56.9 57.5	82.8	84.3	80.8 85.2	81.2	86 • 0 87 • 8	86.1	81.6 86.2	81.6 86.2	86.2	86.3	86.3	81.7 86.3	86.3	81.7 86.3 88.1	86.3
≥ 1800 ≥ 1500	57.8 58.4	85.7 87.4	86.0 87.4 89.3	88.6	7	89.5	89.6	92.3	89.7	89.8	89.9	88.1 89.9 92.6	89.9		89.9	89.9
≥ 1200	58.6 58.7		90.6		93.2	93.6		94.0	94.0	94.2		94.5	94.7	94.7	94.7	94.7
≥ 800	58.8	89.3	91.5			94.9	95.2	95.6	95.6	96.0		96.4	96.7	96.7	96.7	96.7
≥ 700	58.8 58.8	89.3			95.0	95.4	95.9	96.3	96.3	96.9	97.3	97.3	97.5	97.5	97.5	97.5
≥ 500 ≥ 400	58.8	89.4	91.7	93.7	95.3	95.7	96.4	97.0	97.3	98.0		98.6		99.1	99.2	99.2
≥ 300	58.8	89.5		93.9	95.5	- 1	96.5	97.3	97.5	98.2	98.9	98.9	99.6	99.7	99.7	99.8
≥ 100 ≥ 0	58.8								97.5			99.0	•	1 2 5 6 7 1		100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 1016 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 39. 5.47-53.62-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBI	LITY (STATE	ITE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.9 41.9	58.6	59.4	59.6	59.8				51.1		51.1	51.1	51.1		51.1 60.0	
≥ 18000 ≥ 16000	42.0 42.0	58.6 58.7	59.5	59.6 59.7				-			60.2	60.2	60.2			60.2
≥ 14000 ≥ 12000	42.6	61.5	60.2	62.5	62.9		60.9	•	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
> 10000	45.0	63.2	64.7	64.9	65.2	65.2	64.7	64.7	65.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000 ≥ 7000	46.7	67.5	68.4	67.0		67.4	67.6	67.6	67.6	67.7	67.7 69.3	67.7	67.7	67.7	67.7	67.7
≥ 6000 ≥ 5000	48.6	71.5	70.0 72.6	70.2	70.7	70•7 73•2	70.8 73.3	70.9	70.9 73.4	70.9 73.4	70.9 73.4	70.9	70.9 73.4	70.9 73.4	70·9 73·4	70.9 73.4
≥ 4500 ≥ 4000	50.2 51.1	72.6	73.6 75.4	73.8 75.6	74.3	74.3	74.4	74.5	74.5		74.5 76.3	74.5 76.3	74.5	74.5 76.3	74.5	74.5 76.3
≥ 3500 ≥ 3000	52.1 53.0	77.8	79.5	79.9	78.0	78.0 80.4	78.2 80.5	78.2 80.5	78.2 80.5	78.2 80.6	78.2 80.6	80.6	78.2 80.6	78.2 80.6	78 • 2 80 • 6	78.2 80.6
≥ 250v ≥ 2000	54.9	80.4 82.6 83.4	84.7	85.7	83.5	83.5	83.7	83.7	86.8	83.8	83.8	83.8	83. 8 86. 9	83.8	83.8 86.9	83.8
≥ 1800 ≥ 1500	55.7	84.8	87.3	88.6	89.6	89.9	90.2	90.4	90.4		88.2 90.6		88.2 90.6	90.6	88 • 2 90 • 6	88·2 90·6
≥ 1200	56.2	87.1	90.0	91.6	93.2	91.9 93.5	92.4	94.3	92.6	92.8	93.0 95.0	93.0 95.0	93·0 95·2	93·0 95·2	93·0 95·2	93.0
≥ 900 ≥ 800	56.2	87.4	90.3	92.2	93.8	94.1	94.5	94.7 95.0 95.7	94.7	95.2	95.4 95.8	95.5	95.7 96.1	95.7 96.1	95.7 96.1	95.7 96.1
≥ 700 ≥ 600	56.2	87.7	90.8	92.8	94.7	95.1	95.8	96.1	95.7	96.4 96.8	96.7 97.2	96.7	97.1	97.1	97·1 97·6	97·1 97·6
≥ 500 ≥ 400	56.3	87.8 87.8	90.9	92.9	94.8	95.3	96.2	96.6 96.7 96.7	96 · 8 96 · 8		98.3	98 · 2 98 · 4	98.7 99.0	98.7	98 · 8 99 · 2	98.8
≥ 300 ≥ 200 ≥ 100	56.3	87.8	90.9	92.9	94.9	95.3	96.3	96.7	97.0	97.7	98.4 98.4 98.5	98.6 98.6		99.2	99.4	99.5
≥ 0	56.3	87.8	**	92.9	94.9						98.6			99 • 4 99 • 5	99 • 6 99 • 7	99.8

TOTAL NUMBER OF OBSERVATIONS_

230

USAF ETAC TOPM ULSE 0-14-5 (OLA) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FURT LEAVENWORTH KANS/SHERMAN AAF 37,39-45,47-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	0′ ≦	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1¼	≥ 1	≥ 1/4	≥ ¾	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	38.3 41.6		56.1 62.3	56.5 62.6	1			57.0 63.2	57.0 63.2	57.0 63.2	57.0 63.2	57.0 63.2	57.0 63.2	57.0 63.2	57.0 63.2	57.0 63.2
≥ 18000 ≥ 16000	41.7 41.7	61.5	62.4 62.5			63.1 63.2	63.2	63.3 63.4	63.3	63.3	63.3	63.3	63.4	63.3	63.3	63.4
≥ 14000 ≥ 12000	42.0	62.8	62.9	63.3	63.7	63.7 64.6		63.8 64.7	63.8	63.8	63.8	63.8	63.8	64.7	63.8	63.8
≥ 10000 ≥ 9000	44.3	65.7	65.7	67.0	66.6	66 • 6	67.6	67.7	66.8	67.7		66.8	67.7	66.8	67.7	66.8
≥ 8000 ≥ 7000	44.9 46.1	67.5	70.2	70.6	69.4 71.1	71.1	69.5	69.6	69.6	69.6 71.3	71.3	69.6 71.3	69.6	69.6 71.3	71.3	71.3
≥ 6000 ≥ 5000	47.9	72.5	73.5	74.0	72.6 74.5	72 • 6 74 • 5 75 • 8	72.7 74.6 75.9	72.8 74.8 76.1	72.8 74.8 76.1	72.8 74.8 76.1	74.8	74.8	72.8	72.8	74.8	72.8 74.8 76.1
≥ 4500 ≥ 4000	49.0	74.5	75.8	76.3	76.8 78.4	76.8	76.9 78.6	77.0	77.0	77.0	76.1 77.0	76.1 77.0 78.8	76.1 77.0 78.8	76 • 1 77 • 0 78 • 8	76 · 1 77 · 0 78 · 8	77.0
≥ 3500 ≥ 3000	50.3	77.6	79.0	79.6	80.2	80.2	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500 ≥ 2000 ≥ 1800	52.0 52.1	82.5	84.3	85.2	85.9	85.9	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	
≥ 1500 ≥ 1500	52.4 52.9	84.5	86.8	88.2	99.0	90.9	89.6	89.8 91.8	89.8	89.9	90.1	90·1	90.1	90.1	90.1	90.1
≥ 1000	53.3	86.9		91.4	92.6	92.8	93.5	93.7	93.7	92.8	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	53.3	87.7		1	93.6	93.8	94.6	95.1 95.8	95.1	95.2	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	53.3 53.3	87.9 88.0	91.1	93.4	94.9	95.4	96.4	96.7	96.8 97.1	97.1		97.7	97.8 98.6	97.8 98.6	97.8 98.6	98.6
≥ 400	53.3	88.0	91.2				96.7	97.1		97.5	98.7		98.8	98.9	99.0	99.2
≥ 200	53.3	88.0	91.2	93.4	95.2		96.7	97·1	97.4	97.8						99.9
≥ 0	53.3	88.0	91.2	93.4	95.2	95 • 5	96.7	97.2	97.4	97.8	98.8	98.9	79.4	99.5	99.8	100.0

2309 TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ... 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OFFICETE

CEILING VERSUS VISIBILITY

13921

FURT LEAVENHUPTH KANS/SHERHAN AAF 39-53.62-71

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

(EILING							VISISIL	IUTATZ) YTI	(E MILES)							
(FEFT)	≥ 10	≥ 6	<i>≥</i> 5	≥ 4	≥ 3	≥ 2.3	≥ 2	≥ 1'2	≥ 1'4	≥ 1	≥ 14	≥ %	≥ 13	≥ 5/16	≥ 1⁄4	≥ 0
NO CEILING ≥ 2000	38.9 42.1	55.4			57.6	57.7		57.9	57.9 63.3		58.3	58.3	58.4	7 2	58.5	
≥ 18000 ≥ 16000	42.5			63.0	63.4		63.7		63.7	63.5	64.5	64.1	64.6	64.2	64.3	
≤ 14000 ≤ 12000	43.3	62.3		64.3		64.8 66.4	65.1	65.1	65.1	65.3	65.5	67.1	63.6		67.3	67.4
	45.9	66.8	67.9	69.0	69.4	69.5	69.8			70.0		69.3 70.2		_ 1	69.5	
≥ 8000 ≥ 7000	48.0	70.2	71.4		73.0	71·3 73·1	73.4	73.4	71.6 73.4	73.6	72.0	72.0 73.8	72.1	73.9	72.2	74.1
≥ 6000 ≥ 5000	48.4	74.7	76.0	77.4	77.9	74.4	74,7 78,3	78.3	_	1	75.1 78.7	75.1 78.7	75.2 78.8	78.8	75.3 76.9	79.0
≤ 4500 ≤ 4000	50.3 51.0	76.9	78.3	79.8	80.3	78.9 8 0.4	80.7	80.7	1	81.0	81.2		79.8	81.3		81.5
< 3500 > 3000	51.5 52.6	80.5	82.3	83.9	84.4	84.5		84.4	85.0	82.8 85.2	85.4	83.0 85.4				85.7
	53.7	84,1	86-1	87.7	88.3	88.4		88.9	87.0		89.4	87.2 89.4	87.3 89.5	89.5	89.6	89.7
≥ 1800 ≥ 1500	54.5 55.3	86.6	88.6	90.3		89.1 91.1	89.6 91.5	91.5	91.6	91.8	90·1 92·0	90·1 92·0	90.1 92.1	92.1	90.3	92.3
≥ 1000 ≥ 1000	55.3 55.4	89.3	91.7	93.6	94.4	93·1 94·5		95.2	95.3	95.5	94.1	94.1 95.7		95.8	94.3	96.0
≥ 700 : 800	55.4 55.4	89.8 90.4	93.0		96.0		96.9		95.8 97.0	97.2	97.4	96.2			96.4	96.5 97.7
≥ 700 ≥ 600	55.4	90.5 90.6	93.6		97.1	96 · 8 97 · 3	98.1	98.2	97.7 98.3	98.5	98 · 1 98 · 7	98 • 1 98 • 7	98 • 2 98 • 8	98.8	98.3	98.4 99.0
≥ 500 ≥ 400	55.4	90.6	93.8		97.5		98.9	98.9	98.7 99.0	99.2	99.4	99.1 99.4	99.2	99.5	99.6	
> 3.00 > 200	55.4 55.4	90.6	93.8	96.3	97.5	97 • 8 97 • 8	98.9	99.0	T,	94.3	99.5	99.4				
± 100 ≤ 0	55.4	90.6 90.6			1	97.8				99.3		99.5 99.5	99.6		99.8	99. 9 100.0

TOTAL NUMBER OF OBSERVATIONS

2192

USAFETAC 11 44 0 14-5 (OLA) MELOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VILIBIL	TUTAT2) YTI.	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ 14	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.7 36.6	50.2 55.2	51.1	52.1 57.2	52.6 57.9	52.8 58.0	53.2 58.5		53.2 58.6	58.7	58.9	53.6 58.9		54 • 0 59 • 4	54 · 1 59 · 5	54.8 60.2
≥ 18000 ≥ 16000	36.8 37.1	55.8	56.8 56.8	57.9	58.6	58.3 58.7	58.8 59.3	59.3	58.9 59.3	59.0 59.4	59.6	59.2 59.7	60.0	59.7	59.7 60.2	60.9
≥ 14000 ≥ 12000	37.6	58.4	57.7 59.5		61.3	59.7 61.4	61.9	62.0	62.0	62.2	62.3	62.4	62.	62.8	62.9	63.6
≥ 10000 ≥ 9000	40.5	61.8	62.9	64.2	64.9	65.1	65.8		64.8	66.0		65.1	65.5	66.7	66.7	67.5
≥ 8000 ≥ 7000	41.5	1_ · 1	65.9		68.0	68.2	68.8	68.9	67.1		69.2	69.3	67.9	69.7	69.8	70.6
≥ 6000 ≥ 5000	43.2	69.2	70.6	72.1	72.9	73.1	70.5	73.9	70.6	76 7	70.9	74.2	74.6	74.7	71.4	72.2
≥ 4500 ≥ 4000	45.9	70.0	73.1	73.1	74.0	74.1	74.8 76.5	76.6	74.9 76.6	76.7	75.2 76.9	75.3	75.6 77.3	75.7	75.8 77.5	76.5
≥ 3000 ≥ 3000	46.6 47.6 48.6	! !	75.0	76.7	80.1	80.3	81.0	78.6 81.1	81.1 83.3	81.3	81.4	78.9 81.5	81.8	81.9	82.0	80.2
≥ 2500	49.4	79.5	81.7	83.5	84.5	84.6	85.4	85.5	85.5	85.7	85.8	85.9	86.2 87.0	86.3	86 - 4	87.1
≥ 1800	50.5 51.0	81.9	84.2	86.0	87.1	87.2 89.6	88.1	88.2	88.2	88.3	88.5	88.5	88.9	89.0	89.1	72.2
≥ 1200	51.3	85.1	87.6		91.2	91.4	92.5	92.6	92.6	92.7	92.9	93.9		93.4	93.5	94.2
≥ 900	51.4	86.1	88.8	91.3	93.0	93.1	94.4	94.6	94.6	94.8		95.0	95.4	95.5	95.6	96.3
≥ 700	51.4	86.7	89.6	92.6	94.4	94.5	95.9	96 • 1	96.1	96.3	96.5	96.5	96.9	97.0	97.1	97.8
≥ 500 ≥ 400	51.4	86.9	87.9	93.3	95.3	95.5		97.4	97.4	97.7	98.0	98.1	98.4	98.5	98.6	99.3
≥ 300 ≥ 200 ≥ 100	51.4	87.0	90.0		95.5	95.7	97.5		97.7	98.0	98.3	98.4	98.7	98.8	98.9	:
≥ 00	51.4	, ,	90.0	1							98.3					100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 1044 0-14-5 (OLA) FREYOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0600-0800

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ',	≥ 0
NO CEILING ≥ 20000	25.4 30.7	39.7 48.1	49.5		42.3						43.3	43.3 52.3				44.2 53.3
≥ 18000 ≥ 16000	30.8	48.5	50.0	50.9	51.3 51.7	51.4 51.8	52.0		52.4		52.4 52.8	52.4 52.8				53.4
≥ 14000 ≥ 12000	31.8	49.4 51.5	52.9	51.9 53.9	52.6 54.7	54.7		55.3		53.6 55.6	53.7 55.8	53.7 55.8	53.9 56.0	54 · 1 56 · 1	54.2 56.3	54.7 56.7
≥ 10000 ≥ 9000	34.8	54.6	55.3	56.4 57.4	57.2 58.2	58.2	58.5	58.8			58.3 59.3	58.3 59.3			58.8 59.8	59.2
≥ 8000 ≥ 7000	36.4 38.0	59.3	61.2	59.8 62.5	63.3	63.4		64.1	64.1	64.3	64.5	64.5	62.0 64.7	62 • 1 64 • 8	62.3	62.7
≥ 6000 ≥ 5000	40.2	63.5	63.2	67.3		68.3	68.7	69.0	69.0	69.3	69.4			67.0	67.1	67.6
≥ 4500 ≥ 4600	40.6	65.8	66.6	69.8	70.9	69.3 71.0	71.4		70.0 71.8	72.0	70.4	70.4	70.6	70.7	70.9	71.3
≥ 3500 ≥ 3000	42.0	69.9	72.3	71.4	72.5 75.5	72.6 75.6	76.0	76.5	73.5 76.5	76.7	73.9	73.9 76.9	74.1 77.1	74.2	74.4	74.8
≥ 2500 ≥ 2000	45.1	72.1	74.8	77.0 80.3	78 · 2 81 · 6	78 • 4 81 • 7	82.3	79.2 82.7	79.3 82.8	83.0	79.7 83.2	79.7 83.2	79.9	80.0		80.6
≥ 1800 ≥ 1500	46.8	76.2 77.9	79.1	81.4	82.7				84.0 86.3	86.6	84.4	84.4	84.6	84.8	84.9	85.4
≥ 1200 ≥ 1000	48.0 48.5	81.7	85.0	85.4 87.8	86.9 90.0						92.3	88.9 92.3	89.2 92.5	89.3 92.7	89·5 92·8	89.9 93.3
≥ 900 ≥ 800	48.9	82.4 82.7	85.8	89.5	91.0 91.9	91.3		92.7	92.8		93.5	93.5	93.7 94.8	93.8	94.0	94.4
≥ 700 ≥ 600	48.9	82.9		90.6		93.7	93.9	94.6	94.6 95.7	95·1 96·2	95.3	95.3	95.5	95.7	95·8 96·9	96.2
≥ 500 ≥ 400	48.9	83.6		90.9	93.9	94.4	95,6 95.7		96.7 97.0		97.5 97.9	97.6 98.0	98.0	98 • 1 98 • 5		98.8 99.2
≥ 300 ≥ 200	48.9 48.9	83.6	87.5	91.0	94.0	94 . 4	95.8		97.2	97.8		98 • 2 98 • 3	98.7	98.7 98.9	- 1	99.4
≥ 100		83.6				94.4	95.9	97·0 97·0	97·2 97·2	97.9 97.9	98 • 2 98 • 2	98·3 98·3	98.7 98.8		99 • 1 99 • 1 1	99.8

TOTAL NUMBER OF OBSERVATIONS_

USAFETAC OLSE 0-14-5 (OLA) MEMOUS EDITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIBILITY

FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	(E MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ ?':	≥ 2	≥ 11/2	≥ ויו	≥ 1	≥ 3.	≥ 16	≥ 3	≥ 5/16	≥ ′₄	≥ 0
NO CEILING ≥ 20000	29.8 36.6		42.0 51.8	42 · 1 51 · 9	42·3 52·1	52.1	52.2	52.2	52.2	52.2	52.2	42.3 52.2	42.3 52.2		42.3 52.2	42·3 52·2
≥ 18000 ≥ ≤ .0	36.8 37.1			52.4 52.7	52.5 52.9	52.9	52.9		52.9	52.9	52.6 52.9	52.6 52.9	52.9	52.9	52.6 52.9	52.9
≥ 14000 ≥ 12000	38.0	55.0	55.5	55.7	53 · 8 55 · 9	53 • 8 55 • 9			53.9 55.9	55.9	55.9	53.9 55.9		53.9 55.9	53.9 55.9	53.9
≥ 10000 ≥ 9000	41.0	57.2		58.2	57.8	57.8 58.4	57.9 58.5	57.9 58.5	58.5	58.5	57.9 58.5	57.9 58.5	57.9 58.5	58.5	57.9 58.5	58.5
≥ 8000 ≥ 7000	42.6	61.3	62.3	62.5	62.8			62.9	62.9	62.9						
≥ 6000 ≥ 5000	44.1				66.2						66.3			66.3	66.3	
≥ 4500 ≥ 4000	46.5 48.1		67.1	67.4	67.7 70.1	70.1	70.3	67.9	70.3	70.4	70.4	70.4	67.9 70.4	67.9 70.4	70.4	70.4
≥ 3500	51.2	69.6 72.4 75.4	70.8	74.2	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	74.9	71.9	71.9 74.9 78.0
≥ 2500 ≥ 2000	55.4	79.3	76.7 80.7 82.1	81.4	81.8	82.0	77.8 82.1 83.5	77.8 82.1	82.1	78.0 82.3	78.0 82.3	78.0 82.3	78.0 82.3	78.0 82.3 83.7	78.0 82.3 83.7	82.3
≥ 1800 ≥ 1500	57.2	83.5	85.2	86.0	86.5	90.6	84, 8			87.1	87.1 91.1	83.7 87.1 91.1	87.1	87.1	87.1	87.1 91.1
≥ 1200	59.3		91.1	92.5	93.6	93.9	94.2	94.4	94.5	94.6	94.7		94.7	94.7	94.7	94.7
≥ 900 ≥ 800	59.5	90.3		94.5	95.7	96 • 1	96.5	96.8	96.9	97.0	97.0	97.0	77.0	97.0	97.0	97.0
≥ 700	59.6	90.6	93.1	95.0	96.7	97.2	9 ? . 9	98.4		98.6	98.6	98.7	98.7	98.7	93.7	98.7
≥ 500 ≥ 400	59.6	90.9		95.4	97.2		98.6	99.2	99.3	99.5	99.5	99.7	99.7		99.7	
≥ 300 ≥ 200 ≥ 100	59.6	-	93.5	95.4	97.3		98.7		99.5	99.7		99.9	99.9	100 • 0 100 • 0	100.0	100.0
≥ 0		91.0			97.3			-		99.7		99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC 100 0-14-5 (OL A) HEVIOUS EDITIONS OF THIS FORM ARE OBOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENHORTH KANS/SHERMAN AAF 37-53,62-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	ITY (STATUT	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.4		42.2 51.5			42.2 51.6	51.6	51.6	42.2 51.6	51.6	51.6	42.2 51.6	51.6	42.2 51.6	42.2 51.6	51.6
≥ 18000 ≥ 16000	40.2	51.5 51.8	51.8 52.0	52.0	52.1	51.9	52.1	52.1	51.9 52.1	51.9 52.1	51.9	51.9 52.1	52.1	51.9 52.1 53.2	51.9 57.1	51.9 52.1 53.2
≥ 14000 ≥ 12000	41.4	54.1	53.1 54.4	53.1 54.4	53.2 54.5	53 · 2 54 · 5	53.2 54.5		53.2 54.5	53.2 54.5	54.5 57.0	53.2 54.5	53.2 54.5	54.5	54.5	54.5
≥ 10000 ≥ 9000	44.0 44.6 46.2	57.3	50.8 57.6	57.6 59.8	57.8 57.8	57.8 59.9	57.8	57.8	57.8	57.8		57.8	57.8	57.8	57.8	57.8
≥ 8000 ≥ 7000	47.0	61.0	- 1	61.6		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000 ≥ 5000 ≥ 4500	49.3	64.9			65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.8	66.8
≥ 4500 ≥ 4000 ≥ 3500	52.2 54.4	ا ـ - ـ نا				70.4	70.4	70.4	70.4 73.4	70.4	70.4	70.4		70.4	70.4	70.4
≥ 3000	57.3 60.6	1	77.1	77.5 82.4	77.6	77.6 82.6			77.7	77.7 82.7	77.7 82.7	77.7 82.7	77.7 82.7	77.7	77.7 82.7	77.7 82.7
≥ 2000	62.8	85.7	86.7		86.4	86.5		87.5	86.6		87.6	86.6	87.6	87.6	87.6	87.6
≥ 1500 ≥ 1200	64.8	90.9	92.3	92.9		93.5	93.7	93.7		91.8	93.8	91.8	1 1	93.8	91.8	91.8 93.8 96.6
≥ 1000 ≥ 900 > 900	65.7 65.7	92.3 92.5 93.0	94.1	95.0 95.2 96.0	96.0	96.4	96.8	96.9	97.0	96.5 97.1 98.3	97.2	96.6 97.2 98.5		96+6 97+2 98+5	96.6 97.2 98.5	97.2 98.5
≥ 800 ≥ 700 ≥ 600		93.1	94.5	96.2	97.3		98.3	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500 ≥ 400		93.5	95.3	96.7	97.9	98 • 5	99.0	99.2	99.3			99.8	99.8	99.8	99.9	99.9
≥ 300 ≥ 200	66.0	93.5	95.4		97.9	98.6	99.2	99.3	99.4 99.4	99.7	99.9			100.0		1
≥ 100 ≥ 0		93.5 93.5			97.9			99.3		99.7 99.7	99.9			100 • 0 100 • 0		

TOTAL NUMBER OF OBSERVATIONS

2398

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	<u> </u>	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 14	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	32.6 42.0	42.2 53.6	42.2 53.6	42.2 53.7	42.3 53.8	42·3 53·8	42.3 53.8	42.3 53.8	42.3 53.8	42.3 53.8	42.3 53.8	42.3 53.8	42.3 53.8	42.3 53.8	42.3 53.8	
≥ 18000 ≥ 16000	42.2	53.8 53.9	53.8 54.0	53.8 54.0	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1	53.9 54.1
≥ 14000 ≥ 12000	42.8	56.4	54.7 56.4	54.7 56.5	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	54.8 56.6	
≥ 10000 ≥ 9000	45.9	58.9 59.9	59.9 59.9	60.0	59.1	59.1	59.1	59 · 1 60 · 1	59.1 60.1	59.1 60.1	59.1 60.1	59.1 60.1	59.1 60.1	59.1	59.1 60.1	59.1
≥ 8000 ≥ 7000	48.9 48.9	62.2	63.6		63.7	63.7	63.7	63.7	62.4	62.4	62.4	63.7	62.4	63.7	62.4	62.4
≥ 6000 ≥ 5000	50.4 52.8	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	66.1	69.9
≥ 4500 ≥ 4000	53,3 55.1	70.7	71.0	74.3	71.3 74.5	71.3	74.5	71.3	71.3	74.5	71.3	71.3	71.3	74.5	71.3	71.3
≥ 3500 ≥ 3000	57.5 60.9	77.0 81.7	82.2	82.6 86.8	82.8	77.9 82.9	77.9 82.9	77.9 82.9	77.9 82.9	77.9 82.9 87.2	82.9	82.9	82.9 87.2	77.9 82.9	77.9 82.9	77.9 82.9
≥ 2500 ≥ 2000	64.8	88.4	89.2	89.8	90.3	90.4	90.4 91.4	90.4	90.4	90.4	87.2 90.4	90.4 91.4	87.2 90.4	87 • 2 90 • 4 91 • 4	90.4 91.4	87.2 90.4 91.4
≥ 1800 ≥ 1500	65.6	90.9	91.8	92.5	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	91.4	93.4
≥ 1200 ≥ 1000	66.0	92.8	93.9	94.9	95.8	96.0		96.4	96.5	96.6	96.6	96.6			96.6	96.6
≥ 900 ≥ 800 ≥ 700	66.1	93.7	94.9	96.2	97.2	97.3	· _ : =	98.0	98.5	98.2		98.2	98.2	98.2	98.2	98.2
≥ 600	66.1	93.7	95.2	96.5	97.4	97.6	98.2 98.8	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 400	66.2	93.9	95.4	96.7	97.7	98.2	98.9	99.2	99.2	99.7		99.8	100.0	100 • 0	100.0	100.0
≥ 300 ≥ 200 ≥ 100	66.2	93.9	95.4	96.7	97.7	98 • 2	98.9 98.9	99.2	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ "0	66.2	93.9	95.4		97.7		98.9	99.2		99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

239

USAF ETAC JULES 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ ?	≥ 11/3	≥1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.1 45.8	47.9 60.3	, , ,		48.3	48.3		60.7	48.3				48.3	48.3	48.3	48.3
≥ 16000 ≥ 16000	46.0	60.7	60.9	60.7	60.9	60.9	60.9	60.9	60.9			60.9	60.9	60.9	60.9	60.9
≥ 14000 ≥ 12000	46.8	63.2	61.7	61.7		62.0	62.0	62.0	62.0 63.7	62.0 63.7	62.0 63.7	62.0 63.7	62.0 63.7	62.0 63.7	62.0	62.0 63.7
≥ 10000 ≥ 9000	49.7 50.2			66.8		66.2		67.0	66.2	66.2	67.0	66.2 67.0		66.2 67.0	66.2 67.0	66.2 67.0
≥ 8000 ≥ 7000	51.4 52.3		70.0	70.1	68.9 70.3	68.9 70.3	70.3	68.9 70.3	68.9 70.3	70.3	68.9 70.3	68.9 70.3		68.9 70.3	68.9 70.3	70.3
≥ 6000 ≥ 5000	54.8	71.7 74.4 75.7	72.0	72.2	72.4	72.4	72.4	72.4	72.4 75.6	72.4 75.6	72.4	72.4 75.6	72.4	72.4	72.4	72.4 75.6
≥ 4500 ≥ 4000	56.9	78.6		76.4 79.6	76.8 80.0	76.9 80.0 82.4	76.9 80.1 82.5	76.9 80.1	76.9 80.1	76.9 80.1	76.9 80.1	76.9 80.1	76.9 80.1	76.9 80.1	76.9 80.1	76.9 80.1
≥ 3500 ≥ 3000	59.6		84.3	84.6	85.0		85.1	82.5 85.1	82.5 85.1	82.5 85.2	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500 ≥ 2000	61.8		89.2	89.6	90.1	90.2	90.3	90.4	90.4 91.1	90.4	88.6 90.4 91.2	88.6 90.4	88.6	88.6	88 · 6 90 · 4	90.4
≥ 1800 ≥ 1500 ≥ 1200	62.5		91.4	92.1	92.8	92.8	93.1	93.1	93.1	91.2 93.3 95.3	93.3	91.2 93.3 95.3	91.2 93.3	93.3	91.2	91.2 93.3
≥ 1000	62.5	91.4		94.5	95.4	95.5		96.0	96.0	96.2	96.2	96.2	96.3	95·3 96·3	95·3 96·3	96.3
≥ 800	62.6	92.0			96.6	96.7	97.3	97.5	97.5	97.7	97.8	97.8	97.9		97.9	97.9
≥ 600	62.7	92.3		96.1	97.2	97.3	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 300	62.8	92.5		96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	62.8	92.5	95.1	96.2	97.4	97.7	98.7	99.0	99.0	99.4	99.6	99.6	100.0	100.0	100.0	00.0
≥ 0	62.8	92.5		96.2			- 1				99.6		100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC $^{\rm fGFM}_{\rm NL\,64}$ 0-14-5 (OL A) previous editions of this form are onsolete

CEILING VERSUS VISIBILITY

C

FURT LEAVENWURTH KANS/SHERMAN AAF 38-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥1%	≥ 1	≥ 3;	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.3	56.2 63.0	56.6 63.5			57.0 63.9			57.1 64.0			57.3 64.2	57.3	1	57·3	57.3 64.2
≥ 18000 ≥ 16000	44.8	63.5	64.2	64.2 64.5	64.6	64.6		64.7	64.4	64.6 64.9	64.9	64.9	64.9	64.6	64.9	64.6
≥ !4000 ≥ 12000	45.6		65.2		66.8	65.7	65.7	65.8	65.8	67.0	67.0	67.1	67.1	67.1	66.0	67.1
≥ 10000 ≥ 9000	47.5 48.0		69.7	70.1	70.2	69.1 70.2	69.1 70.2	69.2 70.3	69.2 70.3	70.5	69.4 70.5	70.6	70.6		69·4 70·6	70.6
≥ 8000 ≥ 7000	50.0	70.7	71.4	73.5	72·1 73·7	72·1 73·7	72.1	72.2	72.2 73.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000 ≥ 5000	51.0 52.1	74.6	75.3	78.3	76.0 78.5	76.0 78.5	76.0 78.6	76.1 78.7	76.1 78.7	76.4 78.9	76.4	76.4 78.9	76.4	76.4 78.9	76.4 78.9	76.4 78.9
≥ 4500 ≥ 4000	52.7 53.3	78.4	79.4 81.0		80.2	80 · 2 81 · 9	80.2 82.0		80.3	82.3	80.5 82.3	82.4	80.6	80.6	80·6 82·4	80.6 82.4
≥ 3500 ≥ 3000	54.1 54.9	83.2	82.8	83.5 85.4	83.7	83.7 85.7	85.8	86.0	84.0		84.2	86.3	84.3	86.3	86.3	86.3
≥ 2500 ≥ 2000	55.5 56.2		86.8		87.9	87.9	88.1 90.0		88.3 90.2	88.5 90.4	88.5 90.4	88.6 90.5	90.5	88 · 6 90 · 5	90.5	88.6 90.5
≥ 1800 ≥ 1500	56.4 56.7	89.0	89.3 91.2	92.1	92.8	90.7	91.0 93.0	91·1 93·2	91.1	91.4	91.4	91.4 93.5	91.4	91·4 93·5	91.4	91.4 93.5
≥ 1200 ≥ 1000	56.8	90.2	92.6 93.6	94.7	94.3	94.3	94.5 95.8	94.7	96.0	95.0 96.2	95.0 96.2	95·0 96·3	95.0 96.3	95·0 96·3	95·0 96·3	95.0 96.3
≥ 900 ≥ 800	56.9 57.0	91.5	94.4	95.7	96 • 0 96 • 5	96.6	96.5 97.2	96.7	96.7 97.4	96.5 97.7	96.9	97.0 97.7	97.0 97.7	97 • 0 97 • 7	97·0 97·7	97.7
≥ 700 ≥ 600	57.0 57.0	91.8	94.8	96.5	97.0	97·1 97·5	97.7 98.3	97.9 98.5	97,9 98.5	98.2 98.8	98.2	98·3 98·9	98.3 98.9	98 • 3 98 • 9	98.3	98.3
≥ 500 ≥ 400	57.0 57.0	91.9	95·1	96.6	97·6 97·8	97·9 98·0	98.6 98.9	99.0 99.2	99.0 99.2	99.3	99.3	99•3 99•6	99.3		99·3 99·6	99.3
≥ 300 ≥ 200	57.0 57.0		95·1 95·1	96.7 96.7	97·8	98 • 0 98 • 0		99.2			99.6	99.8	99.6			
≥ 100 ≥ 0	57.0 57.0	91.9	95.1 95.1		97.8			99.3			99.7				100 · 0 100 · 0	

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC ALL ST 0 14-5 (OL A) PREVIOUS ELITIONS OF THIS FORM APE OBSOLETE

CEILING VERSUS VISIBILITY

13921

ii ()

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FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 1%	≥ı	≥ ¾	≥ 3,	≥ ⅓	≥5/16	≥ %	≥ 0
NO CEILING ≥ 20000	38.0 42.3	54.5	55.6 62.4		56.9 63.8			57.4 64.3					58.5 65.5		58.8 65.8	1 .
≥ 18000 ≥ 16000	42.5	61.5	62.7	63.4				64.6		65.1	65.3	65.4	65.8	65.8	66.1	66
≥ 14000 ≥ 12000	43.0	62.5	63.9	64.6			65.6	67.5	66.0	66.4	66.6	66.7	67.1	67.1	67.4	67
≥ 10000 ≥ 9000	46.0 46.8	68.1		69.0 70.4	1 1		70.2 71.6	70.4 71.8	70.6	71.0	71.2	71.3	71.6	71.7 73.0	71.9	72
≥ 8000 ≥ 7000	47.6 49.0	71.3	71.0	71.9 73.7	72.7	72.7 74.5	73.2	73.4	73.6	74.0	74.2	74.4	74.7	74.8	75.0 76.8	75
≥ 6000 ≥ 5000	49.6 50.7	73.2 75.4	74.8	75.9 78.2			77.3	77.5	77.7 80.1	78.0	78.2	78.4	78.8 81.2	78.8	79.1 81.5	79
≥ 4500 ≥ 4000	51.2 51.8	76.7 78.1	78.4 79.8	79.6 81.2		80 · 6 82 · 2	81.1	81.3	83.1	81.9	82.1	82.3	82.7	82.7	83.0	83
≥ 3500 ≥ 3000	52.3 53.0	79.4	81.4	82.9	83.7	83.9 85.6	86.1	84.6	84.8	85.2	85.4 87.2	1	86.0	86.0	86.3	86
≥ 2500 ≥ 2000	53.5 54.1	82.6	84.8	86.4	87.3	87.4	88.1 89.9	88.3 90.1	88.5	88.9	89.1	89.3	89.7	89.7	90.0	90.
≥ 1800 ≥ 1500	54.3 54.3	1	86.9		89.7 90.5	89.9 90.7	_ 0	90.8	90.9				92·1 92·9	92.2	92.5	92
≥ 1200 ≥ 1000	54.6	86.2 87.3		90.5	91.6	91.7	92.4	92.7	92.9	93.3	93.5	93.7 95.2	94.0	94.1	94.4	94.
≥ 900 ≥ 800	54.9 54.9	87.7 87.9	90.3	92.5	93.6	93.7	94.4	94.7	94.8	95.2	95.5	95.7	96.0	96.1	96.4	96
≥ 700 ≥ 600	54.9 54.9	88.4 88.9	91.7	93.6 94.1	94.9		95.8	96 • 1 96 • 8	96.3	96.8	97.2	97.3	97.7	97.7	98.0	98
≥ 500 ≥ 400	54.9 54.9		91.9 91.9	94.3	95.7	96.0	96.8	97.2	97.3	97.9	98.2	98.4	98.7	98.8	99.0	99
≥ 300 ≥ 200		89.1 89.1		94.4	95.8		96.8	97.2 97.2	97.4	98.0	98.4	98.5 98.5	98.9	98.9	99.2	99.
≥ 100 ≥ 0		89.1					96.8	97.2			98.4	98.5	98.9	98.9		99.

TOTAL NUMBER OF OBSERVATIONS 225

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2252

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISIBIL	ITY (STATU	(E MILES)			_				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄1	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	30.3 34.5	44.0 50.8	45.6 52.8	46.0 53.2	47.7 54.9		55.9	48.9 56.2	48.9 56.2	49.7 57.0	49.9 57.2	50 · 0 57 · 3	50.6 58.2	50.7 58.2	51.3 58.9	
≥ 18000 ≥ 16000	34.6 34.7	50.9 51.0	52.9 53.1	53.5 53.6	55.1 55.3	-	56.1 56.3	56.4 56.6	56.4 56.6	57.2 57.3	57.4 57.6	57.6 57.7	58.4 58.6	58.5 58.7	59.2 59.4	60.3 60.5
≥ 14000 ≥ 12000	34.9	52.5	53.7	54.3	55.9 57.0	56 • 1 57 • 2	57.0 58.1	57.3 58.4	57.3 58.4	58.1 59.2	58.3 59.4	58.5 59.5	59.3	59.4	60.1	62.3
≥ 10000 ≥ 9000	37.4 38.4	54.9 56.6	57.1	57.9 59.6	59.6	59.8	62.5	61.0	62.7	63.5	63.8	62.1	63.1	63.2	63.7	65.0
≥ 8000 ≥ 7000	39.8 40.9	59.4 61.6		64.7	66.6	66.8	67.8	65.8	65.8	66.5	69.2	69.3	70.3	70.3	68.7 71.1	72.2
≥ 6000 ≥ 5000	42.7	65.6	65.9 68.1	66.9	71.1	71.3	72.5	70.4	70.4	71.2	71.5	71.6	72.5	75.0	73.4	74.6
≥ 4500 ≥ 4000	44.3	68.2	70.9	70 · 1 72 · 2	71.9	72.2	73.4 75.5	73.7	73.7 75.8	76.6	76.9	74.9	78.0	75.9	76.7	80.0
≥ 3500 ≥ 3000	45.8	71.5	74.7	73.8	78.1	76 • C 78 • 4	77.2	79.9	79.9	78.3 80.7	78.6 81.0	78.7 81.1	82.1	82.2	80.5 82.9	84.1
≥ 2500 ≥ 2000	47.5	75.9	79.4	80.9	82.9	83.2	82.3	82.6	82.6 84.8	83.4	83.7	83.8	84.8	84.8	85.6	89.0
≥ 1800 ≥ 1500	48.3	76.6	80 · 1 82 · 0	81.6 83.6	85.7	86.0	85.1 87.2	85.6 87.7	87.7	88.5	86.7	86.8	87.7 89.9	87.8	88.6 90.7	89.8 91.9
≥ 1200 ≥ 1000	48.9	80.4	84.6	86.6	87.0 88.8 89.3	87.3 89.1	90.5	90.9	90.9	89.9 91.8	90.2	90.3	91.3	91.4	92.1	93.3
≥ 900 ≥ 800	49.1	81.1	85.4	87.6	90.0	90.4	91.8	91.5	91.5	92.4 93.2 94.4	92.7	92.8	93.8	93.9	94.7	95.9
≥ 700 ≥ 600	49.1	81.7 82.0	86.6	89.1	91.0 91.7	92 • 1	93.7	93.5	93.6	95.1	94.7	94.9	95.9	96 • 0 96 • 7	96 · 8 97 · 5	97.9
≥ 500 ≥ 400	49.1	82.0	86.7	89.2	91.8			94.4	94.4	95.4	95.8 95.8	95.9	96.9	97·1 97·2	97.9	99.1
≥ 300 ≥ 200	49.1	82.0	86.7	89.2	91.8 91.8	92.3	93.8	94.4	94.5	95.5	95.9 95.9	96.0	97.1	97 • 2 97 • 4	98 • 0 98 • 2	99.5
≥ 100 ≥ 0	49.1							94.4	94.5				97.2 97.4	97.4 97.5		99.6 100.0

TOTAL NUMBER OF OBSERVATIONS

2310

USAF ETAC TO ALL O-14-5 (OL A) MENOUS EDITIONS OF THE FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISIBIL	ITY (STATU	TE MILES)					_		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 13/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	29.6 35.7	51.8	43.8	54.0	45 · 3 54 · 9	45.5 55.1	55.7	46.1 55.8	46.1 55.9		46.5 56.3	46.5 56.3		46.8 56.7	57.0	48.0 57.8
≥ 18000 ≥ 16000	35.8 35.8	51.9	53.3	54.1 54.2	54.9 55.1	55·2 55·3	55.8 55.9	55.9 56.0	56.0 56.1	56.2 56.3	56.4 56.6	56.4 56.6	56.8	56.8 56.9	57.3	58.0 58.1
≥ 14000 ≥ 12000	36.2 37.3	54.2	54+0 55.8	54.8 56.6	55.7 57.5	56.0 57.7	56.5 58.3	56.7 58.5	56.8 58.6	57.0 58.8	57.3 59.1	57.3 59.1	57.5 59.3	57.6	58.0 59.7	58.8
≥ 10000 ≥ 9000	38.8	57.7	58.4	59.4	61.4	60.6	61.2	61.4	62.5		63.0		62.2	62.3	62.6	63.5
≥ 8000 ≥ 7000	41.4	63.3	62.9		67.4	65.2	65.8	68.5	68.5	68.7	69.0	69.0			67.3	70.6
≥ 6000 ≥ 5000	44.4	68.0	68.0 70.2	71.3		70.4		71.2	71.2	73.7	71.7	71.7 74.0				73.3
≥ 4500 ≥ 4000	46.1 47.7 48.2	71.2	70.9 73.4 74.7	74.6	75.8	73.3 76.0 77.4	76.7	74.2 76.9 78.3	74.2 76.9 78.3	77.1	74.7 77.4 78.8	74.7 77.4 78.8	75.0 77.7	75.1 77.8 79.2	75.4 78.1 79.5	76.3 79.0
≥ 3500 ≥ 3000	49.2	74.5			79.6	79.9	80.5	80.7	80.8		81.2	81.2 83.2	81.5	81.6	82.0	82.8
≥ 7500 ≥ 2000	51.3	78.8			84.4	84.6 85.4		85.5	85.6	85.8	86.1	86.1	86.3	86.5	84.0 86.8 87.6	87.6
≥ 1800 ≥ 1500	52.4	81.4	84.4	86.1	87.4	87.6	88.3	88.6	88.6	88.9	89.2	89.2	89.4			90.7
≥ 1200	53.5		87.1	89.2	90.8	91.1	91.8	92.0		92.4	92.7	92.7	93.0	93.1	93.4	94.2
≥ 900 ≥ 800	53.6		88.6		92.7	93.1	93.8	94.2	94.2	94.5	94.8		95.1	95.3	95.6	96.4
≥ 700 ≥ 600	53.6		89.6	91.9	94.3	94.7	95.7	96.1	96.3	96.7	97.0	97.0	97.3	97.4	97.8	98.6
≥ 500 ≥ 400 ≥ 300	53.6	85.5	89.7	92.1	94.6	95 • 0 95 • 0	96.1	96.5	96.7	97.2	97.5	97.5	98.0	98 - 1	98.5	99.3
≥ 300 ≥ 200 ≥ 100	53.6	85.5	89.7	92.1	94.6	95.0	96.1	96.6	96.8	97.3	97.6	97.6	98.1	98.2	98.6	99.7
≥ 0	53.6				94.6				96.8			97.6				100.0

TOTAL NUMBER OF OBSERVATIONS_____

245

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

020

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

VEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIL	ITY (STATU)	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5%	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.4 42.8	47.0 57.1	57.5	57.6	47.6 57.9	47.6 57.9	57.9	57.9	57.9	57.9	47.6 57.9	47.6 57.9	57.9	57.9	47.6 57.9	57.9
≥ 18000 ≥ 16000	43.1 43.1	57.3 57.4	57.8 57.9	58.0	58.1 58.3	58 · 1 58 · 3	58.3		58.2 58.3	58.3	58.2 58.3	58.2 58.3	58.3	58.3		58.2 58.3
≥ 14000 ≥ 12000	43.8 45.1	58.3 60.2	58.7 60.7	58.9 60.8	59.2 61.1	59.2 61.1	61.2	59.2 61.2	59.2 61.2		59.2 61.2	59.2 61.2	59.2 61.2	61.2	59.2 61.2	59.2 61.2
≥ 10000 ≥ 9000	46.1 47.0	62.2 63.2	63.8		63.3	64.3	64.3	64.3	63.3	63.3	63.3	63.3	63.3		63.3	64.3
≥ 8000 ≥ 7000	48.8 50.5	66.4	67.1	67.3 69.7	67.6 70.1	70.1	70.1	67.6 70.1	67.6 70.1	70.1	67.6	67.6 70.1	70.1	70.1	67.6 70.1	70.1
≥ 6000 ≥ 5000	51.6 52.9	71.2	72.0 74.1	72.2 74.3	72.5	72.5	74.9	72.7	72.7	72.7 74.9	72.7	72.7	74.9	74.9	72.7	72.7 74.9
≥ 4500 ≥ 4000	53.4 54.5	74.1 76.0	75.1 77.1	75.3 77.3	75.7			75.9	75.9 77.9	77.9	75.9 77.9	75.9 77.9	75.9		75.9 77.9	75.9
≥ 3500 ≥ 3000	55.5 56.9	77.5	78.7 81.2	81.4	79.3 82.0	79 · 3 82 · 0	82.2	82.2	79.6 82.2	79.6 82.2	79.6 82.2	79.6 82.2	82.2	82.2	79.6 82.2	79.6 82.2
≥ 2500 ≥ 2000	58.8	86.7	88.1	88.5	89.1	85.4	89.4	89.4	89.4	89.4	85.6	85.6	89.4	89.4	85.6	89.4
≥ 1800 ≥ 1500	62.1	87.4	88.9 91.5	92.0	89.9 92.6		92.9		90.2	92.9	92.9	90.2	92.9	92.9		90.2
≥ 1200 ≥ 1000	62.8		93.2	95.1	94.6	94.6	96.1	94.9	94,9	96.1	94.9	94.9	96.1	96.1	94.9	94.9
≥ 900 ≥ 800	62.9	93.1	95.4		96.6 97.5 98.0	97.5		97.9	97.9	97.9	96.9	96.9	98.0	98.0	98.0	
≥ 700 ≥ 600	63.0	93.8	96.2	97.6			99.1	99.2	98.5 99.2	99.3	98.6	98.6	99.3		98.6	
≥ 500 ≥ 400	63.0	93.8	96.2	97.8	98.8	1	99.4	99.6		99.8			99.9	99.9		99.9
≥ 300 ≥ 200	63.0	93.8	96.2	97.8	98.8	99.0	99.4		99.6	99.9	100.0	100.0	100·0	100 • 0 100 • 0 100 • 0	100.0	100.0
≥ 100 ≥ 0		93.8						99.6		99.9	100.0	00.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

245

USAF ETAC 20164 0-14-5 (OLA) PREVIOUS PORTICOIS OF THAS FORM ARE COSOLE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBI	UTAT2) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 135	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	33.5 43.1	43.6 55.2			43.7 55.4	43.7	43.8 55.5			55.6	1	43.9			43.9 55.6	43.9 55.6
≥ 18000 ≥ 16000	43.2 43.3	55.5	55.6			55.6 55.7	55.8	55.6 55.8	55.8	55.8	55.7 55.8	55.7 55.8			55.7 55.8	55.7 55.8
≥ 14000 ≥ 12000	44.0		57.4	57.5	57.6	57.6		56.5 57.7	56.5 57.7	57.7	57.7	56.5 57.7	56.5	56.5 57.7	56.5 57.7	56.5
≥ 10000 ≥ 9000	46.6		61.5	61.6	61.7	60.5	61.8	61.8	61.8	61.6	61.8	61.8	61.8	61.8	60.6	61.8
≥ 8000 ≥ 7000	49.2	63.9	65.3	65.5	65.5	65.5	65.6	65.6		65.7		65.7	65.7	65.7	65.7	65.7
≥ 6000 ≥ 5000	50.8 52.7	66.9 69.7		67.2 70.0	70-1	70.1	70.2	70.2	70.2			70.2	70.2	70.2	70.2	70.2
≥ 4500 ≥ 4000	57.4	76.2	76.4	76.6	76.7	72 • 2 76 • 7	72.3 76.7 79.9	72.3 76.7	72.3 76.7	72.3 76.8	72.3 76.8	72.3	72.3 76.8	72.3	72.3	72.3 76.8
≥ 3500 ≥ 3000	62.5	83.4	83.7	84.0	1 1 7	84.1	84.2	84.2	84.2	84.3		80.1 84.3		80 • 1 84 • 3 88 • 7	80 · 1 84 · 3	84.3
≥ 2500 ≥ 2000	67.2	91.0	91.6		92.2	92.2	92.3		92.3	92.5		92.5		92.5	92.5	92.5
≥ 1800 ≥ 1500	67.9	93.0			94.3	94.4	94.5	94.5	94.5		94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	68.6	_	96.0	17.72	97.5	97.3		97.4	97.4	97.6	97.6		97.6	97.6	97.6	97.6
≥ 900 ≥ 800 ≥ 700	68.6	95.5	96.7	98.0	98.5	98 • 6	اغضا		98.9	1 1 1 1 1	99.1	99.1	99.4	99.1	99.1	99.1
≥ 700 ≥ 600 ≥ 500	68.7	95.6		98.4	99.1	99 • 2	99.4	99.5	•	99.8		99.8	99.8	99.8	99.8	99.8
≥ 400 ≥ 300	68.7		97.0	98.5	l == =1	99.3			99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	68.7	95.7	97.0		99.2	99.3			99.7	99.9	100 • 0 100 • 0	100.0	100.0	100.0	100.0	100.0
2 0	68.7	95.7	97.0			99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAFETAC THE OLIVER OLIVER OF THE FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

C

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATU)	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.0 45.3			46.2 57.0		46 · 2 57 · 1	57.2	46.4	46.4 57.2	57.2		46.4 57.2	57.2	57.2	57.2	57.2
≥ 18000 ≥ 16000	45.3 45.5	57.0	57.1	57.2	57.3			57.3 57.5	57.3 57.5	57.5	57.3 57.5	57.3 57.5	57.5	57.5	57.3 57.5	57.5
≥ 14000 ≥ 12000	46.2	59.2	59.3	59.4	59.5			58.3 59.6	58.3 59.6	59.6	59.6	58.3 59.6	59.6	59.6		
≥ 10000 ≥ 9000	49.2	62.9		63.2	63.3	63.3	63.4	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	
≥ 8000 ≥ 7000	51.6 52.9	67.9	68.1	68.2	68.3	68.3	68.4	68.5	66.4	68.5	68.5	66.4	68.5	68.5	68.5	
≥ 6000 ≥ 5000	54.3 57.3 58.6	73.5	73.9	74.0	74.2		74.3	70.3 74.4 76.8	70.3 74.4 76.8	74.4	74.4	70.3 74.4 76.8	74.4	74.4	74.4	
≥ 4500 ≥ 4000	61.6	80.3	80.7	81.0	81.2	81.2	81.3		81.4	81.4	81.4		81.4			81.4
≥ 3500 ≥ 3000	65.2		86.8	87.1	87.3	87.4	87.5	87.5	90.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 2500 ≥ 2000	68.4	91.6	92.3	92.9	93.3	93.3	93.4	93.5		93.5	93.5	93.5	93.5			
≥ 1800 ≥ 1500	69.2	93.1	_		1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1200	69.7	94.7	95.8	96.5	97.2		97.6		97.6	97.6	97.6		97.7			97.7
≥ 900 ≥ 800 ≥ 700	69.8	94.9	96-3		98.4	98.5		98.9		99.0	99.1	99.1	99.2	99.2		
≥ 700 ≥ 600 ≥ 500	69.8	95 • 1	96.5	97.7	98.8	98.9		99.4	99.4	99.6	99.7	99.7	99.8	99.8	99 . 8	99.8
≥ 400	69.8		96.5				99.4	99.6	99.6		99.9	99.9	100.0	100 • 0	100.0	100.0
≥ 200	69.8		96.5	97.8		_	99.4	99.6		99.8	99.9	99.9	100.0	100 • 0	100 • 0	100.0
າ ເ	69.8			1 .	98.9	99.1	99.4	99.6	99.6	99.8	99.9					100.0

TOTAL NUMBER OF OBSERVATIONS 24

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET,	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ ?	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.0 50.5				-	52·9 64·9	52.9 64.9	52.9 64.9	52.9			52.9	52.9	52.9		52.9
≥ 18000 ≥ 16000	50.5 50.9	64.4	64.6	65.2	65.3	65.0 65.3		65.0 65.3	65.3	65.0 65.3	65.0	65.0 65.3	65.0 65.3	65.3	65.0 65.3	65.3
≥ 14000 ≥ 12000	51.6 52.9		67.5	67.7	67.8	66 • 1 67 • 8	67.8	66 • 1 67 • 8	66.1 67.8	66.1 67.8	66.1 67.8	66.1	66.1	66.1	66 · 1 67 · 8	66.2
≥ 10000 ≥ 9000	54.1 54.9		71.0	71.2	70.4	70·4 71·3	70.4 71.3	70.4 71.3	70.4 71.3	70.4	70.4 71.3	70.4 71.3	70.4	70.4 71.3	70·4 71·3	70.4 71.4
≥ 8000 ≥ 7000	56.6 58.6	73.4 76.2	76.5	73.9 76.7	74.1	74.1	74.1 76.9	74.1 76.9	74.1 76.9	74.1 76.9	74.1 76.9	74.1 76.9	74•1 76•9	74.1 76.9	74 • 1 76 • 9	74.1 76.9
≥ 6000 ≥ 5000	59.9	78.3 81.0		78.9 81.7	79.1 81.9	79 • 1 81 • 9	79.1 81.9	79 • 1 81 • 9	79.1 81.9	79.1 81.9	79.1 81.9	79 · 1 81 · 9	79 • 1 81 • 9	79 • 1 81 • 9	79 · 1 81 · 9	79 · 1 82 · 0
≥ 4500 ≥ 4000	63.1	82.1 84.9		82.9 85.9	83·1 86·2	83 • 1 86 • 2	83.1 86.2	83 · 1 86 · 2	83·1 86·2	83.1 86.2	83·1 86·2	83·1 86·2	83 • 1 86 • 2	83.1 86.2	83·1 86·2	83.1
≥ 3500 ≥ 3000	63.8	86.1					87.5	87.5 89.9	87.5 89.9	87.5 90.0	87.5 90.0	90.0		87.5 90.0		90.0
≥ 2500 ≥ 2000	65.8	89.8 91.6	92.5	93.4		93.8	91.7 93.9	91.7 93.9	91.7 93.9	91.8 94.0	94.0	94.0	94.0	94.0	91 · 8 94 · 0	91.8 94.0
≥ 1800 ≥ 1500	66.0	92 • 2 92 • 8	93.9				94.5	94 • 6 95 • 5	94.6	95.6	95.6	95.6		94.6 95.6	95.6	94.6
≥ 1200 ≥ 1000	66.5	93.5	94.8		96·3 97·4	97.4	97.5	96 • 5 97 • 7	96.5 97.7	97.8	96 • 6 97 • 8	97.8		96 • 6 97 • 8	97.8	96 • 6 97 • 8
≥ 900 ≥ 800	66.7 66.7	94.6 94.8		97.4	98.3	98.4	98.0	98.8		99.0	99.0	99.0	99.0	98·3 99·0	99.0	98 • 4 99 • 1
≥ 700 ≥ 600	66.8	94.9		97.6 97.6	98·7 98·8	98 • 8 98 • 8	99.1	99.3	99.4	99.6	99.6	99.6	99.5 99.6	99.6	99.6	99.7
≥ 500 ≥ 400	66.8	95.0	96.5	97.7 97.7	98.9 98.9	99.1	99.4	99.6 99.6	99.7	99.9	99.9	100.0	100.0	100.0	100 • 0 100 • 0	100.0
≥ 300 ≥ 200	66.8	95.0	96.5		98.9	99.1	99.4		99.7	99.9	99.9	100.0	100.0	100.0	100.0 100.0	100.0
≥ 100 ≥ 0		95.0 95.0	96 • 5 9ú • 5	97.7 97.7			99.4	99.6	99.7 99.7	99.9	99.9	100.0	100•0	100.0	100.0 100.0	00.0

TOTAL NUMBER OF DESERVATIONS...

242

USAF ETAC THE O-14-5 (OLA) MEYOUS EDITIONS OF THIS FORM ARE OSSIGNETE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBII	LITY (STATU	E MILES)	_						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ ′′4	≥ 1	≥ 1/4	≥ 1,	≥ '3	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	43.6	1	68.6	68.9	69.3	61 · 0 69 · 3	69.3	69.4	69.4	69.4	61.3	61.3	69.7	69.7	69.7	69.7
≥ 18000 ≥ 16000	49.4	68.3	68.7	69.2	69.5	69.5	69.6	69.6	69.6	69.7	69.8 69.9	69.8 69.9	69.9	69.9	70.0	70.0
≥ 14000 ≥ 12000	49.7 50.9	70.3	70.9		71.6	69.9 71.7	69.9 71.7	71.7	70.0 71.7	70.0 71.8	70.2 72.0	70.3	72.0		70·3 72·1	70.3
≥ 10000 ≥ 9000	52.9		74.4	73.5 74.7	73.9	73.9 75.1	73.9 75.1	73.9 75.1	73.9 75.1	74.0 75.2	74.2	74.2	75.4	75.4	74·3 75·5	74.3
≥ 80.00 ≥ 7000	54.2 55.6		78.5		77.0	77.1		1	77.1 79.3	79.4	77.4	77.4	79.6		77.5	77.5
≥ 6000 ≥ 5000	57.5	82.3	83.4	83.8	84.2	81.0 84.3		84.4	81.1 84.4 85.4	81 • 1 84 • 4 85 • 5	81.3 84.6	84.7	84.7	81.4 84.7	81 · 4 84 · 7	81.4 84.7
≥ 4500 ≥ 4000	58.4	85.0	86.3	86.7	87.2	87.3	87.4	87.4	87.4	87.5	87.7	87.7 88.9	87.7	87.7	87.8	87.8
≥ 3500 ≥ 3000	59.5	87.4	88.9	89.4	90.0	90 • 1		90.2	90.2	90.3		90.6	90.6	=	90.6	90.6
≥ 2500	60.6	90.3	91.9	92.8	93.4	93.6		93.7		93.8	94.0	94.0	94.0		94.1	94.1
≥ 1860 ≥ 1500 ≥ 1200	60.7	91.2	93.1	94.1	94.7	94.9	: :	95.0		95.1	95.3	95.3	95.3		95.4	
≥ 1000	61.0	92.9	95.1	96.4	97.2	97.3	97.5	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900 ≥ 800 ≥ 700	61.1		95.6		97.9	98.0	98.2 98.8				98.6	98.7	98.7	98.7		
≥ 500	61.2				98.7	98.8	99.1	99.2	99.2	99.4	99.6	99.7	99.7			
≥ 400	61.2		96.3	97.8	98.8	98.9			99.4	99.6	99.8	99.9			99.9	
≥ 200	61.2		96.3	97.8	98.8	98.9	99.2		99.4	99.6	99.8	99.9		99.9	100 · 0	100.0
≥ 0	61.2	93.8	96.3	97.8	98.8	98.9	99.2	99.4	99.4	99.6	99.8	99.9	99.9			100.0

TOTAL NUMBER OF OBSERVATIONS

2333

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS FORMULA OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200

CEILING							VISIBIL	ITY (STATUT	E MILES)	_						
(FEET)	≥ 10	٤.	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 11/5	≥1%	≥1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING	38.0 42.6	36.8 64.6	59.3 67.2	60.5	61.0	61.0	69.2	69.3	69.3	69.5		61.8	62.0 70.0		70.0	70.2
≥ 18000 ≥ 16000	42.6	64.7	67.3 67.4	68.6	69.1	69.2	69.3 69.5	69.6	69.5	69.8	70.0	70.0 70.1	70.1	70.3	70·1 70·3	70.3
≥ 14000 ≥ 12000	43.7	66.1	70.3	70.1 71.6	70.6	70.7	70.9	71.0 72.5	71.0	71.2	71.4	73.0	73.1	71.7	71.7	71.8
≥ 10000 ≥ 9000	46.6	70.5 71.3	73.2	74.5 75.3	75.0 75.8	75.9	75.3 76.1	75.4	75.4	75.6 76.4 78.9	75.5	75.9 76.7	76 • 1 76 • 9	76.1 76.9 79.3	76.1 76.9	76.2 77.1
≥ 8000 ≥ 7000	47.6	73.5	76 • 4 77 • 7	77.7		78.4	78.5	78.6 80.0	78.6 80.0	80.2	80.4	80.5	80.7	80.7 82.1	80.7	80.8
≥ 6000 ≥ 5000	50.1	76.2	79.1		83.7	83.8		84.2	84.2 85.2	81.7 84.5 85.5	84.7	84.8	84.9	84.9	84.9	85.1
≥ 4500 ≥ 4500	50.3 51.7	79.5 81.6	82.5	86.3	87.C	84 · 8 87 · 1	87.3	87.6	87.6	A 44 ()	88.1	88.2	88.3	88.3	88.3	88.5
≥ , (0 ≥ 3000	52.4 53.4	82.6 84.0	85.8 87.2	88.8	88.2 89.7	89.8	90.0	90.3	90.3	90.6	90.8	90.9	91.0	1 4. 1	91.0	91.2
≥ 2500 ≥ 2000	54.7	86.4	90-1	91.8	92.8	92.9	93.2	93.4	93.0	93.6	ات مما	94.1	94.9	94.3	94.9	94.5
≥ 1800 ≥ 1500	55.4	87.9	91.8	93.6	1 2 2 7	94.6	95.0	95.2	95.2	95.6	أما	95.9	96.1	96.1	96.1	96.3
≥ 1200 ≥ 1000	55.6	88.9	93.1	94.9	95.9	96.0	96.3	96.6	96.6	97.0		97.5	97.5	97.5	97.7	97.7
≥ 900 ≥ 800 ≥ 700	55.7	89.5	93.7	95.5	96.5		97.1	97.5		97.9		98.2		98.4	98 • 4	98.6
≥ 600	55.7	89.7	94.0		97.0		97.8	98.2	98.2	98.6	99.	99.0		99.1	99.1	99.3
≥ 500 ≥ 400	55.7	90.0	<u> </u>	96.3	97.3	97.5	98.1	98.5	98.5	99.0	· ·	99.4	99.6	99.6	99.6	99.8
≥ 300 ≥ 200 ≥ 100	55.7	90.0	94.3			97.5					99.3	99.4	99.6	99.6		
≥ 0	55.7	90.0	94.3	96.3	97.3	97.5	98.1	98.5	98.5	99.	99.4	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

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FURT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FFET;	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	: 1%	> 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.0	45.0 52.7	47.4 55.3	48.6 56.7	49.6 57.8	50 • 0 58 • 1	50.4 58.6	50.8 59.1	50.9	51.4 59.8	51.7	51.8	52.3		52.8	53.3
≥ 18000 ≥ 16000	31.0 31.2	52.8 53.2	55.3 55.7	56.8 57.2	57.9 58.2	58.5 58.5	58.7	59.2 59.5	59.2 59.6	59.9	60.6	60.6	61.2		61.4	62.3
≥ 14000 ≥ 12000	32.0 32.8	54.0 55.3	56.6 57.8	58.1 59.4	59.2 60.5	59.5 60.8	61.4	60.5	60.5	61.2	62.9	61.6	62.2	62.3 63.7	62.7	63.3
≥ 10000 ≥ 9000	34.8 35.4	58.5 59.4	61.2	62.8	63.9	64 • 2 65 • 3	64.8	65.2	65.3	67.0	66.3		67.0	67.1 68.1	67.5 68.5	68.1
≥ 8000 ≥ 7000	36.9 37.8	62.2 64.2	64.9	66.9	68.1 70.3	68.4 70.6	69.1 71.3	69.5	69.5	70.2	70.6	72.8	71.3	71 • 4 73 • 6	71.8	72.4
≥ 6000 ≥ 5000	38.7 40.2	69.0	68.7 72.1	70.6	72·0 75·6	72.3	72.9 76.6	73.4	73.4	74.1 77.7	74.4 78.1	74.5 78.2			75.6	76.2 80.0
≥ 4500 ≥ 4000	40.5 41.8	69.9 72.5	73·1 75.7	75.3	76.7 79.4	77 • G 79 • 7	77.7 80.4		78.2 80.9		79.2 81.9	82.0	79.9 82.6	82.8	80·5 83·2	81.1
≥ 3500 ≥ 3000	42.6	74.0	77.4	79.7	83.3	81.6	82.3	82.7 85.0	82.7 85.1	83.4	83.8	86.2	84.5	87.0	85.1	85.7
≥ 2500 ≥ 2000	44.8	77.7	81.5		87.9	85.9	86.7 89.1	87.2 89.6	87.2	90.4	90.8		89.1 91.5	91.6	89.6 92.0	90.3
≥ 1800 ≥ 1500	45.7	85.1	84.0	86.5	88.3	90.2	89.5 91.1	90·1 91·7	90·1 91·7	90.8	92.9	92.9	91.9	93.7	92.5	93.1
≥ 1200 ≥ 1000	46.9	82.8	87.0	58.7 89.6	90.5	90.9	91.8	92.4	92.4	93.2	93.6 94.6	94.7	94.3	95.5	94.8	95.5
≥ 900 ≥ 800	46.9	83.3 83.3	87.6		92.2	92·1 92·6 92·9	92.9 93.5	93.6 94.2	93.7	94.4 95.0 95.3	95.4	95.0 95.5	95.7 96.2 96.6	95.8 96.3 96.7	96.2 96.7	96 · 8 97 · 4
≥ 700 ≥ 600	46.9	83.4	88.0	91.0	92.5 92.9 93.1	93.4	94.4	95.1	95.1	95.9	96.4	96.5	97.2	97.4	97.8	98.4
≥ 500	47.0	83.6	88.2	91.2	93.2	93.6	94.7	95.4	95.4 95.5 95.6	96.3	96.9	96.8	97.6	ات مسا	98 • 0 98 • 1 98 • 3	98.8
≥ 300	47.1	83.7	88.3	91.3	93.3	93.7	94.8	95.6	95.6	96.5	97.0	97.0	97.9	98.0	98.5	99.2
≥ 100	47.1										97.1					100.0

. TOTAL NUMBER OF OBSERVATIONS__

2282

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥1	≥ ¾	≥ ⅓	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.2	40.2 51.4		42.3 54.1	42.7 54.7	42.8 54.8	42.9 55.0		43.0 55.0			43.3 55.4	43.3	43.4 55.5	43.4 55.5	43.8 56.0
≥ 18000 ≥ 16000	32.1 32.4	51.6	52.9 53.2	54.3 54.6		55 · 0 55 · 3	55.2 55.5	55.2 55.5	55.2 55.5		55.6 55.9	55.6 55.9	55.6	55.7 56.0	55.7 56.0	56.2 56.5
≥ 14000 ≥ 12000	33.0 34.2	52.7 54.7	54.1 56.0	55.5 57.4	58.0		56.3 58.3	56.4 58.4	56.4 58.4	56.6 58.7	56.7 58.8	56.7 58.8	56.8 58.8	56.8 58.9	56.9 59.0	57.4 59.5
≥ 10000 ≥ 9000	36.5	59.3	60.8	61.3		62.2	62.4	62.5	62.5	64.1	62.8	64.2	64.2	64.3	64.4	64.9
≥ 8000 ≥ 7000	38.7	61.9	63.5	65.3	69.1	66.3	66.6				67.0 70.0	67.0 70.0		70.1	67.2	67.8
≥ 6000 ≥ 5000	41.0	69.1	71.1	70.2	71.0	71.3	71.6	71.7	71.7	71.9	72.0	72.0 75.3	72.1	72.2	72.3	72.8
≥ 4500 ≥ 4000	42.7	70.0	74.8		78.2	75.6	75.8 79.0	76.0	76.0	79.4	76.4	76.4	76.5	76.5	76.6	77.2 80.4
≥ 3500 ≥ 3000	44.6	75.9	78.3	81.0	82.1	82.5	80.4	83.0	83.0	81.0	83.5	81.1	81.2		81.3	81.9
≥ 2500 ≥ 2000	47.3		82.9	85.7	87.0	87.4	87.7	58.0	88.0	88.3	88.5	88.5	88.5	88.6	88.7	89.3
≥ 1800 ≥ 1500	49.8		85.2		89.3	87.8	90.1	90.4	90.4	88.6 90.7	90.9	90.9	91.0	91.0	91.1	91.7
≥ 1200 ≥ 1000	50.6 51.2	85.5		91.6 91.9	93.1	93.6			94.3	94.7	92.6	92.6	92.7	92.7	92.8	93.4
≥ 900 ≥ 800	51.5	85.7	89.6	92.7	94.3	94.0 94.8	94.4	95.6	94.7	96.0	96.3	95,3	95.4	95.4	95.5 96.5 97.2	96.1
≥ 700 ≥ 600	51.5	86.8	90.2	93.6	95.2	95.8	96.5	96.8	96.8	97.2	96.9	96.9 97.5	97.0 97.5	97.6	97.7	97.8 98.3
≥ 500 ≥ 400	51.6		90.5	93.9		96.3	97.0		97.4	97.8	44 1	98 · 1 98 · 2	98.2	98.3	98.3	98.9
≥ 300	51.6	87.0	90.5	93.9	95.7	96.3	97.1	97.5	97.5	98.0	98.3	98.3	98.5	98.5	98.6	99.4
≥ 100 ≥ 0	51.6				95.7	_ : "							98.6			100.0

TOTAL NUMBER OF OBSERVATIONS

2357

USAF ETAC $_{\rm NL64}^{\rm FOPM}$ 0-14-5 (OLA) previous editions of this form are obsolete

CEILING VERSUS VISIBILITY

13921

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING		-					VISIBIL	ITY (ST \iU'	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥11/4	≥ 1	≥ ¾	≥ ¼	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	31.4 40.7	44.9 57.5	45.3	45.5 58.3	45.5	45.6 58.4	45.6 58.4	45.6	45.6	45.6 58.4	45.6	45.6 58.4	45.6 58.4	45.6 58.4	45.6 58.4	45.6 58.4
≥ 18000 ≥ 16000	40.8	57.8 58.1	58.4 58.6	58.6 58.9	58.7 58.9	58.7 59.0	58.7 59.0	58.7 59.0	58.7 59.0	58.7 59.0	58.7	58.7 59.0	58.7 59.0	58.7 59.0	58.7 59.0	58.7
≥ 14000 ≥ 12000	41.7	58.8	59.4 61.8	59.6	59.7 62.2	59.7 62.2	59.7 62.2	59.7 62.2	59.7 62.2	59.7 62.2	59.7 62.2	59.7 62.2	59.7	59.7	59.7 62.2	59.7
≥ 10000 ≥ 9000	45.7	65.3	66.1	65.7	65.8	66.8	65.8	65.8	65.8	65.B	65.8	66.8	65.8	65.8	66.8	65.8
≥ 8000 ≥ 7000	47.7		70.6	71.2	71.5	71.5	69.5 71.6	69.5 71.6	69.5	69.5 71.6	71.6	69.5 71.6	69.5 71.6	69.5 71.6	69.5 71.6	71.6
≥ 6000 ≥ 5000	49.9 51.2	73.0	73.9	74.6	72.5	72.6	72.6	72.0	72.6 75.0	72.6 75.0	75.0	72.6	72.6	75.0	72.6	72.6
≥ 4500 ≥ 4000	51.5 52.7	73.7 75.6	76.6	77.3	77.7	77.7	77.8	75.8	77.8	77.8	77.8	77.8	75.9	77.8	77.8	75.9
≥ 3500 ≥ 3000	53.7 56.3 58.4	80.5	81.7	82.5	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	79.5	83.2
≥ 2500 ≥ 2000	60.3	86.9	88.3	89.2	89.8	89 - 8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800 ≥ 1500	61.7	89.9	91.5	90.0	93.1	90.7	90.8	90.8	93.3	90.9	93.4	90.9 93.4 95.9	90.9 93.4	90.9 93.4 95.9	93.4	93.4
≥ 1200 ≥ 1000	63.2	92.2 93.0	94.7	95.9	96.7	96.7	97.0	95.6 97.1	95.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 900 ≥ 800	63.3	93.5	95.4	96.7	97.5	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98 · 3	98.3	98.3	98.3
≥ 700 ≥ 600	63.6	94.0	96.1	97.5	98.5	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500 ≥ 400	63.6	94.2	96.4	97.9	98.9	99 • 1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8 100.0	99.9	99.9
≥ 300 ≥ 200	63.6	94.2	96.4	97.9 97.9	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100·0	100.0
≥ 100 ≥ 0	63.6			97.9			99.5		99.7		99.9			100.0		

TOTAL NUMBER OF OBSERVATIONS______

2360

USAF ETAC $\frac{\text{form}}{\text{ful} \, 44} = 0$.4-5 (OLA) previous editions of this form are obsolete

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

					<u>_</u>											
CEILING							VISIBIL	ITY (STATU	FE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥11/4	≥ 1	≥ ¾	≥ 16	≥ 1/5	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.7	44.7	44.9		44.9 58.0	• • •					44.9	44.9 58.0		44.9	44.9 58.0	
≥ 18000 ≥ 16000	44.4	57.9 58.0	58.1 58.2	58.1 58.2	58 · 1 58 · 2	58 • 1 58 • 2	58.1 58.2	58.1 58.2	58.1 58.2	58.1 56.2	58.1 58.2	58.1 58.2	58.1 58.2	58.1 58.2	58 · 1 58 · 2	58.1 58.2
≥ 14000 ≥ 12000	45.2	58.8	59.1 61.7	59.1 61.7	59·1 61.7	59·1	59.1 61.7	59.1	59.1 61.7	59.1 61.7	59.1 61.7	59.1 61.7	59•1 61•7	59.1	59 · 1 61 · 7	59.1 61.7
≥ 10000 ≥ 9000	48.9	64.2 64.8	64.6	65.2	64.6		65.2	65.2	64.6	65.2		65.2	65.2	64.6 65.2	64.6	64.6 65.2
≥ 8000 ≥ 7000	51.0 52.4	67.3		67.8 69.8	67.9 69.8		67.9		67.9	67.9 69.8			69.8	67.9	67·9 69·8	67.9 69.8
≥ 6000 ≥ 5000	53.1 54.7	70.3	70.9	70.9	71.0 73.0		73.0		71.0 73.0	73.0				71.0 73.0	71.0 73.0	71.0 73.0
≥ 4500 ≥ 4000	55.8 58.2	73.7	1	74.3	74.4		78.0		74.4 78.0	74.4 78.0	74.4 78.0	78.0	78.0	74 • 4 78 • 0	74.4	
≥ 3500 ≥ 3000	64.1	79.7 84.5	85.1	85.2	85.4	85.5	85.5	85.5		85.6	85.6	85.6	85.6		85.6	
≥ 2500 ≥ 2000	66.9 69.1	91.4	92.3			92.6	92.8	92.8	92.8	92.9						
≥ 1800 ≥ 1500	69.6 70.2	93.5	1	93·1 94·5	93.4	94.9	95.0	95.1	95.1	93.7 95.2	93·7 95·2		95.2		93.7 95.2	93.7 95.2
≥ 1200 ≥ 1000	71.1 71.6		97.3	97.5	98.0	98 . 2		98.5	98.5	98.6	98.6	98.6	98.6	98.6		98.6
≥ 900 ≥ 800	71.6 71.8	96.5		98.2	98.7		99.2	99.3		99.4	99.4	99.4	99.4	98 • 7 99 • 4		98.7 99.4
≥ 700 ≥ 600	71.8	96.6	98 - 1	98.3	98.9	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8		99.7	99.7
≥ 500 ≥ 400	71.8		98.2	98.4	98.9	99.2	99.6	1 1	99.7	99.9		99.9	99.9			L
≥ 300 ≥ 200	71.8	96.6	98.2	98.4	98.9 98.9	99.2	99.6	99.7			99.9	99.9	99.9	99.9	100.0	100.0
≥ 100 ≥ 0	71.8	1					99.6		99.7			99.9	100.0	100 • 0 100 • 0	700 • 0 100 • 0	100.0

TOTAL NUMBER OF OBSERVATIONS.

236

USAF ETAC 1014 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE COSOLETE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING			, .				VISIBIL	ITY (STATU	TE MILES)			_				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 11/4	≥1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.6 49.9	52.8 65.2			52.9	52·9 65·2	52.9 65.2	52.9 65.2	. =	52.9 65.2	52.9 65.2	52.9 65.2	52.9	52.9	52.9 65.2	52.9 65.2
≥ 18000 ≥ 16000	49.9 50.1	65.2	65.3 65.4	65.3 65.4	65.3	65.3	65.3 65.4	65.3	65.4	65.3	65.3 65.4	65.4	65.4	65.3 65.4	65.4	65.3 65.4
≥ 14000 ≥ 12000	50.8 52.4	66.1	66.2 68.1	66.2	66.2 68.1	66 • 2 68 • 1	66.2	66.2	66.2	66.2	66,2 68,1	66.2 68.1	66.2	66.2	66.2	66.2
≥ 10000 ≥ 9000	54.2 54.4	70.8	70.9	70.9 71.3	70.9	70·9 71·3	70.9	70.9	70.9 71.3	70.9 71.3	70.9	70.9 71.3	70.9 71.3	70.9 71.3	70.9 71.3	70.9 71.3
≥ 8000 ≥ 7000	56.4	73.8	73.9 75.4	73.9 75.4	73·9 75·4	73.9 75.4	73.9	73.9	73.9 75.4	73.9 75.4	73.9 75.4	73.9 75.4	73.9	73.9	73.9 75.4	73.9 75.4
≥ 6000 ≥ 5000	58.2 60.1	76.2 78.7	76.3 78.9	76.3 78.9	76.3 79.0	76·3	76.3	76.3 79.0	76.3	76.3	76.3 79.0	76.3 79.0	76.3	76 • 3 79 • 0	76 • 3 79 • 0	76.3 79.0
≥ 4500 ≥ 4000	61.3	83.6	80.6	80.6	84.0	80 • 6 84 • Ö	84.0	84.0	84.0	84.0	80.6 84.0	80.6	80.6	84.0	84.0	84.0
≥ 3500 ≥ 3000	69.3	90.6		86.7 91.0	91.1	86.8 91.1	86,8 91.1	86.8 91.1	86.8 91.1	86.8 91.1	86.8 91.1	91.1	86.8 91.1	86.8 91.1	86.8 91.1	86.8 91.1
≥ 2500 ≥ 2000	71.2 72.6	94.6	93.4 95.3	93.4 95.3	93.5 95.4	93.5	93.5	93.5 95.4	93.5 95.4	93.5	93·5 95·5	93.5 95.5	93.5	93.5 95.5	93.5 95.5	93.5 95.5
≥ 1800 ≥ 1500	72.9 73.4	95.4	95.9 97.1	96.0 97.2	96·0 97·2	90.0	96.0	96 • 0 97 • 2	96 · 0	96.1	96·1 97·3	96 • 1 97 • 3	96·1 97·3	96.1	96·1 97·3	96 · 1 97 · 3
≥ 1200 ≥ 1000	74.0 74.3	97.4 98.0	98 · 1 98 · 8	98.1 98.9	98·2 99·1	98 • 2 99 • 1	98.2	98 • 2 99 • 2	98 • 2 99 • 2	98.3	98·3	98 • 3 99 • 3	98.3	98.3	98·3 99·3	98·3 99·3
≥ 900 ≥ 800	74·3	98 • 1 98 • 2	98.9 99.1	99·0 99·2	99·2 99·4	99·2	99.2	99•2 99•5	99·2 99·5	99.4 99.7	99•4 99•7	99.4 99.7	99.4	99·4 99·7	99.4	99.4
≥ 700 ≥ 600	74.3	98·2 98·3	99·2	99.3	99·4 99·5	99 • 4 99 • 5	99.7 99.7	99.7 99.7	99.7	99.8	99.8	99 • 8 99 • 9	99.8	99.8	99 • 8	99.8
≥ 500 ≥ 400	74.3	98·3 98·3	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.9 100.0	99.9 100.0		99.9 100.0	99•9 100•0	99.9 100.0	99.9 100.0
≥ 300 ≥ 200	74.3	98.3 98.3	99.2	99.4	99.5 99.5	99.5	99.8	99.9							100.0 100.0	
≥ 100 ≥ 0	74.3	98.3 98.3		99,4 99.4	99.5 99.5	99.5									100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS 2361

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

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1800-2000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

,						· · · · · · ·										
CEILING							VISIBIL	ity (Statu	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21⁄3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.1		57.8 70.0	57.8 70.0	57.8 70.0	57.8 70.0	57.8	57.8 70.0	57.8 70.0	57.8 70.0	57.8	57.8 70.0	57.8	57.8	57.8 70.0	57.9 70.1
≥ 18000 ≥ 16000	52.7 52.9	70.0	70.2	70.0 70.2	70.0 70.2	70 • 0 70 • 2	70.0 70.2	70.0	70.0 70.3	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 14000 ≥ 12000	53.6 55.1	70.7 72.4		72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	70.9		72.7	
≥ 10000 ≥ 9000	56.6 57.2	75.6	75.9			75.9	75.2 75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
≥ 8000 ≥ 7000	58.8	79.8			80.2	80 . 2	80.2	80.3	80.3	80.3	80.3	80.3		80.3	80.3	
≥ 6000 ≥ 5000	62.9	81.5	84.4	84.4	84.5	84.5	82.0 84.5	84.6	84.6		84.6	82 • 1 84 • 6	82 · 1 84 · 6		84.6	82.1 84.6
≥ 4500 ≥ 4000	65.0			88.2	88.3	88.3	85.4 88.3	88.4	88.4		88.4	88.4	85.4 88.4	85.4 88.4	88.4	85.5 88.4
≥ 3500 ≥ 3000	68.0		92.3	92.3	92.4		89.7 92.5	92.6	92.6	92.6	92.6	89.8 92.6	89.8 92.6	89 · 8 92 · 6	92.6	89.8 92.6
≥ 2500 ≥ 2000	70.0	94.9	95.7		96.2	96 . 2		96.3	96.3		96.3		94.6 96.3		96.3	94.7 96.3
≥ 1800 ≥ 1500	70.0 70.3	95.6	96.5	96.8	97.1	97.2		97.3	96·4 97·3	1	97.3	97.3	96.4 97.3		97.4	96.5 97.4
≥ 1200 ≥ 1000	70.5	96.5	97.5	98.0	97.7	98 . 5	98.6	98.6	98.0 98.6	98.7	98.0 98.7	98.7	98.0 98.7	98.7	98.8	
≥ 900 ≥ 800	70.6	96.5	97.6	98.2	98.7	98 . 8		99.1	99.1	99.2	99.2		98.9 99.2	99.2	99.3	
≥ 700 ≥ 600	70.6	96.6	97.6	98.3	99.0		99.3	99.4	99.4		99.5	99.5		99.5	99.5	
≥ 500 ≥ 400	70.6	96.6	97.6	98.3		99.1	99.4	99.6	99.6	99.7	99.7	99.7		99.8	99.8	99.9
≥ 300 ≥ 200	70.6	96.6	97.6	98.3	99.0	99 • 1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100 ≥ 0	70.6	96.6	97.6	98.3	99.0	99.1	99.4	99.6	99.6			99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2345

USAF ETAC " 0-14-5 (OL A) PPEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 11/5	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.2 50.3	61.6	72.7	72.9	72.9	62.6 73.0	73.0	73.1	62.7 73.1	73.2	73.2	62.8 73.2	73.2	73.2	73.2	
≥ 18000 ≥ 16000	50.4	71.5	72.8 73.0	73.0 73.2		73·1 73·3	73.2	73.2 73.4	73.2 73.4	73.3 73.5	73.3 73.5	73.3 73.5	73.5	73.5	73.3	73.3 73.6
≥ 14000 ≥ 12000	51.2 52.6	72.7	73.7 75.7	73.9 75.9		74.0 76.0	74.0 76.1	74.1 76.1	74.1 76.1		74.2 76.2	74.2 76.2	74.2 76.2	76.2	74.2	74.2
≥ 10000 ≥ 9000	54.3	76.8 77.3	78.3	78.0	78.5	78 • 6	78.7	78.2	78.2 78.8	78.8	78.8	78.3		78.8	78 · 3 78 · 9	
≥ 8000 ≥ 7000	55.9	79.2 80.7	80.3		82.2	80.7	82.4	80.8	80.8		82.5	80.9	80.9	82.5	81.0 82.5	82.5
≥ 6000 ≥ 5000	56.7		83.3	83.5	83.6	86.3	83.7 86.4 86.9	83.3	53.8 56.4 87.0	86.5	86.5	83.9	86.6	86.6		84 · 0 86 · 6
≥ 4500 ≥ 4000	58.3 59.6	85 • 1 87 • 5	86.3 88.8	89.3	89.5	86 · 8 89 · 6 90 · 3	89.7	87.0 89.7 90.4	89.7 90.4	89.9	89.9	87.0 89.9 90:6	90.0	90.0	90.0	~
≥ 3500 ≥ 3000	61.3	_ =	92.1	92.6	92.8	92.9		93.1	93.1	93.3	93.3	93.3	90.7 93.3	93.3	93.3	93.3
≥ 2500 ≥ 2000	61.9	92.6	94.3			95.5			95.6	95.9		95.9	95.9	1 - 1		95.9
≥ 1800 ≥ 1500	62.5	93.6	95.3		_ " "	96.7	96.8 97.4		96.8	97.1	97.1	97.1	97.1		97.2	97.2
≥ 1200 ≥ 1000	62.8	94.5	96.3	97.4	97.8			98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 900 ≥ p∞ ≥ 700	62.8	94.7	96.8			98.3	98.6	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 600	62.9	94.9	96.9		98.5	98 • 7	99.0	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99 • 6	99.6
≥ 400	62.9	95.0	96.9	=	98.6	98 • 8	99.2		99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	62.9	95.0			98.6	98 . 8	99.2	99.3	99.3	99.7	99.7	99.7	99.8		99.9	
≥ 0	62.9	95.0	97-0	98.1		98.9		99.4	99.4	99.8	99.8	99.8	99.9	99.9	100 • 0	100.0

TOTAL NUMBER OF OBSERVATIONS ______ 226

USAF ETAC TORM O-14-5 (OLA) PREVIOUS EDITIONS THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		-					VISIBIL	ITY (STATU	re miles)				_			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ %	≥ 0
NO (E.L'ING ≥ 20000	42·1 47·2	- 1				69.2 77.8		78.2	78.2	78.4	78.6	70·1 78·7	70·3	78.9	79.1	79.1
≥ 180%0 ≥ 16%00	47.2 47.5			77.2 77.6	77.7	77•8 78•2	78.6	78.6		78.9	79.0	79.1	78.9 79.3	79.3	79 • 1 79 • 5	79.2 79.6
≥ 14000 ≥ 12000	48.5	77.4	79.1	80.4	81.0		81.4	81.4	79.8 81.4	81.7	81.9	81.9	82.1	82.1	80.7 82.4	
≥ 10000 ≥ 9000	50.9	81.6		84.7	85.3	84.3	85.8	85.8		86.1	86.2			86.5	85.6	86.8
≥ 8000 ≥ 7000	52.2 52.5	83.9			87.9	88.2	88.5	88.6		88.8	89.0		89.3	89.3	88.6	89.6
≥ 6000 ≥ 5000	53.4		89.5	91.2	91.8	89.7 92.0	92.4	92.5	92.5	92.7	92.9	93.0	93.2	93.2	91.0	93.5
≥ 4500 ≥ 4000	55.2	89.7	91.9	91.9	94.3	94.5	94.9	93 · 2 95 · 0	95.0	95.2	95.5	95.5		95.8	94 • 2 96 • 0	96.1
≥ 3500 ≥ 3000	55.5	90 • 2 91 • 1	93.3	94.3 95.2 95.8	94.9 95.8 96.4	96.1	96.5	95.6 96.5 97.1	95 • 6 96 • 5	96.8	97.0	97.0	97.3	97.3	97.5	97.6
≥ 7500 ≥ 2000	56.3 56.3	91.8	_	96.0	96.7	96.7	97.3	97.4	97.4	97.6	97.8	97.9	98.1	98.1	98.4	98.4
≥ 1800 ≥ 1500	56.3	91.9	· · -	96.1			97.5	97.6	97.6	97.8		98.1	98.4	98.4	98.6	98.7
≥ 1200	56.5	92.4	94.7	96.7	97.4	97.7	98.3	98.4	98.4	98.7	98.8	98.9	99.1	99.1	99.4	99.4
≥ 900 ≥ 800	56.5	92.5	94.9		97.7	97.9	98.6	98.7	98.7	98.9	99.1	99.2	99.4	99.4	99.7	99.7
≥ 700 ≥ 600	56.5	92.5	95.0			98.0		98.7	98.7	99.0	99.2	99.3	99.5	99.5	99.8	99.8
≥ 500 ≥ 400	56.5	92.6	95.0	97.1	97.8		98.7	98 • 8	98.8	99.0	99.3	99.4	99.6		99.9	99.9
≥ 300 ≥ 200 ≥ 100	56.5	92.6	95.0	97.1	97.8	98•1	98.7	98,8	98.8	99.0	99.3	99.4	99.6	99.6	99.9	
≥ 0	56.5							98.8			99.4					100•0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

620

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

							OOKL									
CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾,	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	32.8 37.1			58.6 66.1	60.5		61,2 68.7							62.4	62.8	
≥ 18000 ≥ 16000	37.1 37.4	62.2	64.6	66.5	68.3	68.4	69.0	69.2	69.2		69.9	69.9	70.3	70.3		71.7
≥ 14000 ≥ 12000	38.2 39.6		67.6	69.5		71.4	70 · 1 72 · 1	72.2	72.2	72.4	72.9	72.9	73.3	73.4	73.9	74.7
≥ 10000 ≥ 9000	41.6	69.8	72.4	74.5	76.4	76.5	77.1		77.3	77.5	78.1	78.1		78.6	79.1	79.9
≥ 8000 ≥ 7000	43.6	73.9	76.8	77.5 79.1	81.2	81.3	80.2	82.1	82.1	82.3	82.9		83.3	83.3	83.9	84.7
≥ 6000 ≥ 5000	46.2		81.3	83.7	85.8	82.6 85.9	86.6	86.8	86.8	87.0		87.6	88.0	88.0	88.5	89.4
≥ 4500 ≥ 4000		81.3	84.6	87.2	86.7	89.6	90.4		90.6	90.8	91.4		91.8	91.8	92.3	93.2
≥ 3500 ≥ 3000	48.5	83.2	86.7	89.4	91.7	91.8	91.5	92.9	92.9	93.1	93.7	93.7		94.1	94.6	95.5
≥ 2500 ≥ 2000	49.2		87.8	90.6	93.0	93.2	93.5	94.3	94.3	94.5	95.1	95.1	95.6 95.6	95.6	96.1	96.9
≥ 1800 ≥ 1500	49.2	84.6		91.1	93 · 1 93 · 5	93.7	94.5		94.8	95.1	95.6	95.6	96.1	96.1	96.6	97.5
≥ 1200 ≥ 1000	49.4	84.9	88.5	91.5		94.6	95.4	95.7	95.7	95.9	96.5	96.5	96.9	97.0	97.5	98.4
≥ 900 ≥ 800	49.5	85.0	88.7	91.7	94.7	94.9	95.7	96.0	96.1	96.3	96.9	96.9	97.3	97.3	_ / ~	98.7
≥ 700 ≥ 600	49.5	85.0	88.8	91.9	94.9	95 • i	95.9	96.2	96.3	96.5		97.1	97.5	97.5	98.0	98.9
≥ 500 ≥ 400	49.5	85.1	88.8		95.1	95.3	96.2	96.5	96.5	96.8	97.4		97.8	97.8	98.3	99.2
≥ 330 ≥ 200	49.5		88.9	92.1		95.3		96.5	96.6	96.8	97.4	97.4	97.8	97.9	98.4	
≥ 100 ≥ 0							96.3									100.0

TOTAL NUMBER OF OBSERVATIONS

2384

USAFETAC 101 O-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OSSOCIETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600=0800

CEILING							VISIBIL	ITY (STATU	TE MILES)						-	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CFILING ≥ 20000	30.4 36.8				51.4 62.8	51.5 62.9	52.2 63.7	52.4	52.5	52.7	52.8	52.8	53.2	53.2	53.4	54.0 65.7
≥ 18000 ≥ 16000	36.9 37.3	58,4		61.6	62.9	63·1	63.8	64.5	64.6	64.8	64.5	64.5	64.9	64.9	65.1 65.5	65.8
≥ 14000 ≥ 12000	38.0 39.6	59.4 61.8	63.7	63.0	64.3	66.9	67.7	65.5	68.0	65.8	65.9	65.9 68.4	66.3 68.7	66.3	66 • 5 68 • 9	67.2
≥ 10000 ≥ 9000	42·1 43·1	68.1	70.2	70.7	72·1 73·6	72.2	73.0 74.5	73.3 74.8	73.3 74.9	73.6 75.1	73.7 75.3	73.7 75.3	74·1 75.6	74.1 75.6	74.3 75.8	75.0 76.5
≥ 8000 ≥ 7000	44.8	71.6	74.1	76.1 78.8		77•7 80•6	78.6 81.4	78.9 81.7	78.9 81.8	79.2 82.1	79.4 82.2	79.4 82.2	79.7 82.5	79.7 82.6	79.9 82.8	80.7
≥ 6000 ≥ 5000	47.0 48.8	75.9 79.1	78.6	84.2	86.1	82·8 86·3	83.7 87.2	84.0	84.1 87.5	84.3 87.8	88.0	84.5 88.0	84.8	84.9 88.3	85 • 1 88 • 5	85.8
≥ 4500 ≥ 4000	49.2 50.0	82.0	85.0	85.0 87.3	89.2	87·2 89·5	88 • 1 90 • 5	88.4 90.8	88 · 4 90 · 9	88.7 91.2		88,9 91.4	89.2 91.7	91.7	89 · 4 91 · 9	90·2 92·6
≥ 3500 ≥ 3000	50·2 50·7	82.4	86.3		89.6 90.7	90.0	192.1	91·2 92·4	91·3 92·5	91.6 92.8	93.0	91.8	92·1	92.2	92·4 93·6	93·1 94·3
≥ 2500 ≥ 2000	50.9 51.2	83.9	86.9	90.0	92.1	91·7 92·4	92 · 8 93 · 5	93·1 93·8	93.2 93.9	94.2	93.7 94.5	93.7	94.8	94.1	94 • 3 95 • 0	95.0 95.8
≥ 1800 ≥ 1500	51 · 2 51 · 4	84.9	88.0				93.9	94.2	94.0	94.6	94.9	94.5	94.8	95.2	95 • 1 95 • 4	95 · 8 96 · 2
≥ 1200 ≥ 1000	51.5 51.7	85,9	89.3	91.9		94.5		96.0		96.4	96.7	95·6 96·7	95 .9 97.0	97.0	97.2	96.9 98.0
≥ 900 ≥ 800	51.7 51.7	85.9	89.4	92·0 92·4	94.7	94.6	96.3	96.6	96·2 96·7	97.0	97.3		97.2	97.6	97.8	98.1
≥ 700 ≥ 600	51.7 51.7	86.2	89.7	1	94.8	95.3		96.8	96.7 96.9	97.0 97.2	97.5	97.3 97.5	97.6 97.9	97.9	97.9 98.1	98.6 98.8
≥ 500 ≥ 400	51.7 51.7		89.8	92.6	95.2	95.6	96.7 96.8	97.3	97.4	97.7	98.0	98.0		98.4	98.6	99.1
≥ 300 ≥ 200	51.7 51.7		89.8	92.6	95.2	95.6		97.3	97.4	97.7	98.0	98.0	98.4	98.4	98.7 98.7	99.5
≥ 100 ≥ 0	51.7 51.7	86.2			95.2	95·6 95·6	96.8 96.8			97.7 97.7			98.4 98.5		98.7 98.9	99.6

TOTAL NUMBER OF OBSERVATIONS 250

USAF ETAC 102 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIL	ITY (STATU	E WILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/2	≥ 1%	ا ≤	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.1 49.2	56.0 68.8			57.3 70.3	57.3 70.3		57.3 70.3		57.3 70.3	57.3 70.3	57.3 70.3	57.3 70.3	57.3 70.3		57.3 70.4
≥ 18000 ≥ 16000	49.3	68.9 69.4		70.4 70.9	70.5 70.9	70·5	70.5	70.9	70.5	70.5 70.9	70.5	70.5 70.9	70.5		70·5 70·9	70.5
≥ 14000 ≥ 12000	50.7 52.7	70.4	71.3	71.9 74.3	71.9	71.9		74.4	71.9	71.9	71.9	71.9	71.9	71.9 74.4	71.9 74.4	72.0
≥ 10000 ≥ 9000	54.7 55.5	77•2 78•0						79.5	78.8	78.8 79.6	78.8 79.6	78.8	78.8	78.8 79.6		78.8 79.6
≥ 8000 ≥ 7000	56.9 57.1				84.7	82.7		34.7	82.7	84.7		82.7	84.7	82.7 84.7	84.7	82.8
≥ 6000 ≥ 5000	58.5 59.7	86.1	87.3		88.3	86 • 2 58 • 3		88.3								88.4
≥ 4500 ≥ 4000	61.2			90.4	90.6			90.6				90.6	90.6			
≥ 3500 ≥ 3000	61.9	91.0	92.4	93.3	93.6	93.6		93.6	93.6	93.6	93.6	91.8	93.6			
≥ 2500 ≥ 2000	64.5	92.8	94.2		95.4	94.5	95.4	95.5	95.5	95.5	95.5	94.6	95.5		95.5	95.5
≥ 1800 ≥ 1500	64.7	93.2 94.0	95.4	96.5	96.8	96.8	95.8 96.8 97.8	96.8		1		95.9		95.9	95.9	
≥ 1200	65.4	95.6		98.3	. , . , .	98.7		98.9		98.9	98.9	97 • 8 98 • 9			97.8	99.0
≥ 900 ≥ 800	65.4	95.9	97.4	98.6				99.4	99.0 99.4 99.6			99.4		99.1 99.4 99.7	99.1	99.4
≥ 700 ≥ 600	65.4	96.0	97.6	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8		99.8	99.8
≥ 500 ≥ 400	65.4		97.6	98.8	99.2	99.5	99.7	99.8	99 • 7 99 • 8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300 ≥ 200	65.4	96.0	97.6)	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100 • 0 100 • 0	100.0
≥ 100	65.4			98.8							99.9				100 • 0	

TOTAL NUMBER OF OBSERVATIONS__

2499

USAF ETAC JOHN 0-14-5 (OL A) PREVIOUS PORTIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	LITY (STATU	TS MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2¼	≥ 2	≥1%	≥1%	2 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	43·3 52·3		56.9 69.1	56.9 69.2	69.2	69.2	69.2	69.2	56.9 69.2	69.2		56.9 69.2	69.2	69.2	56.9 69.2	69.2
≥ 18000 ≥ 16000	52.5 52.8	69.5	69.2	69.7	69.7	69.7	69.7	69.7	69.3 69.7	69.7	69.7	69.3 69.7	69.7	69•3 69•7	69.7	69.7
≥ 14000 ≥ 12000	53.3 55.9	70.1	70.2	70.3 73.1	70·3 73·2	70.3	73.2	73.2	70.3 73.2	73.2	70·3 73·2	70.3 73.2	70·3 73·2	73.2	73.2	70.3 73.2
≥ 10000 ≥ 9000	57.7 58.2	76.6		77.9	77.9	77.9	77.9	77.9	77.9 77.9	77.9	77.0 77.9	77.9	77.9		77.9	77.0
≥ 8000 ≥ 7000	59.6	81.7	80.6 82.1	82.2	82.2	80 • 7 82 • 2	82.2		80.7 82.2	82.2	82.2	80.7 82.2	82.2		82.2	82.2
≥ 6000 ≥ 5000	62.6	85.2		85.8	83.8	83 · 8 85 · 8	85.8	85.8		85.8	85.8		83.8 85.8		83.8 85.8	83.8
≥ 4500 ≥ 4000	63.1		89.4		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	86.4	86.4
≥ 3500 ≥ 3000	69.5	93.8	91.4	94.4	91.5	91.5	94.5	94.5	91.5	94.5	91.5	91.5	91.5 94.5	94.5	91.5	91.5
≥ 2500 ≥ 2000	70.6	96.7		97.4	95.9 97.4	95.9	95.9	95.9	95.9	97.4	95.9 97.4	95.9	95.9	95.9	95.9	95.9
≥ 1800 ≥ 1500	71.7	97.8	98.4	98.6	97.9 98.7	97.9	98.7	97.9 98.7	97.9 98.7	98.7	97.9	97.9	97.9 98.7	97.9 98.7	97.9 98.7	97.9
≥ 1200	72.3	98.2	98.7		99.2	99 • 2	99.6	99.6	99.2	99.6	99·2 99·6			99.2	99.2	99.2
≥ 900 ≥ 800	72.4	98.6 98.6	99.2		99.6 99.7	99.6	99.8	99.7	99.7	99.7	99.7	99.7		99.7	99.7	99.7
≥ 700	72.4	98.5	99.2	99.5	99.9	99 • 8	99.9	99.8			99.9		99.9	99.8	99.9	
≥ 500 ≥ 400	72.4 72.4 72.4	98.7 98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 2 ⁰ 0	72.4	98.7	99.2		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.4		99.2								100.0					

TOTAL NUMBER OF OBSERVATIONS_

2501

USAF ETAC RT 64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE COSCILETE

CEILING VERSUS VISIBILITY

3921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIPIL	ITY (STATU	TE MILES;							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'',	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 4.	≥ 1/4	נ' ≤	≥ 5/16	. ≥ '	≥ 0
NO CETING ≥ 20000	48.9 58.1	73.9		62.2 74.1	62·2 74·1	62·2 74·1	62.2 74.1	62.2 74.1	62.2 74.1	62.2 74.1	62.2 74.1	62.2 74.1	62·2 74·1	62.2 74.1	62.2	62.2 74.1
≤ 18000 ≥ 16000	58.4 58.8	74.6		74.4 74.8	74.4	74.8	74.8	74.4 74.8	74.8	74.8	74.8	74.4	74.4	74.4	74.8	74.8
≥ 14000 ≥ 12000	59.5 62.2	78.3		75.5 78.5	78.5	75.5 78.5	75.5 78.5	75.5 78.5	75.5 78.5	75.5 78.5	75.5 78.5	75.5 78.5	75.5 78.5	73.5	78.5	75.5
≥ 10000 ≥ 9000	64.2	83.8	84.0	84.0		82.7	82.7 54.0	84.0	84.0	84.0	82.7	84.0	82.7 84.0	84.0	82.7 84.0	84.0
≥ 8000 ≥ 7000	67.5	87.6	87.8	87.8	87.9	87.9	86.3	86.3	87.9	87.9	87.9	87.9		86.3		86.3
≥ 6000 ≥ 5000	69.4	90.2	90.4	90.5	90.6	89.0 90.6	90.6	89.0 90.6		90.6		89.0 90.6				90.6
≥ 4500 ≥ 4000	69.8 71.5	92.9	93.2	90.9	93.5	91.1	91.1	91 • 1 93 • 6	91.1		91.1	91.1	91.1	:		93.6
≥ 3500	72.4 73.9	96.1	94.4 96.5	94.5 96.6	96.9	94.8	94.8 96.9	94 • 8 96 • 9	94.8 96.9 93.0		94.8	94.8		96.9	96.9	96.9
≥ 2500 ≥ 2000	75.2	97.8 97.8	98.3	97.6 98.5 98.5	97.9 98.8	98 • 8	98.8	98 • 0 98 • 9	98.9	98.9 98.9	98.9 98.9	\$8.0 \$8.9	98.9 98.9	98.9 98.9	98.9	98.9
≥ 1800 ≥ 1500	75.3	98.1	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99,3	0	99.6	99.3
≥ 1200 ≥ 1000	75.5	98.3	98.9	99.1	00 7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	75.5	98.3	98.9	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.	99.7	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	75.5	98.3	98.9	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500 ≥ 400 ≥ 200	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200 ≥ 200 ≥ 100	75.5	98.3	98.9	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	75.5						99.8			99.9			100.0	100.0	100-0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS YORK ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

(2) C

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	ITY (STATU)	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	21%	≥1%	≥ 1	≥ ¼	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ C
NO CEILING ≥ 20000	51.8		67.7		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.3 79.4
≥ 18000 ≥ 16000	61.3	79.2	79.4	79.5	79·5 79·6	79.6 79.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6 79.7	79.6 79.7	79.6	79.6
≥ 14000 ≥ 12000	62.0 63.8	80.1 82.4	80.4		82.8	82.8		80.5 82.5	32.8	82.8		80.5 82.8	80.5	80.5	80.5	80.5
≥ 10000 ≥ 9000	65.5	86.8	86.2	86.3	87.3	87.3	86.4	86.4	86.4	87.3	87.3	87.3	87.3	86.4	86.4	86.4
≥ 8000 ≥ 7000	68.2	91.0	90.4	90.5	90.6	90.6	90.7	90.7	90.7		90.7	90.7			90.7	90.7
≥ 6000 ≥ 5000	70.6	91.8	92.5	92.6	92.7	92.7	92.8	92.8	92.8 94.0	94.0	92.8	92.8	92.8		94.0	92.8
≥ 4500 ≥ 4000	70.8	93.3	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500 ≥ 3000	71.6	94.8	95.5	97.3	95.8	95.8	97.6	95.9	95.9	95.9 97.6	95.9	95.9	95.9		95.9	95.9
≥ 2500 ≥ 2000	73.2	98.0	98.0 98.7	98.2	98.4	98.5	99.3	99.3	98.5	98.5	98.5	98.5	,,,,,	99.3	98.5	99.3
≥ 1800 ≥ 1500	73.5	98.2	98.8	99.1	99.4	99.4	99.5	99.5	99.3	99.5	99.5	99.5	99.5	99.5	99.3	99.3
≥ 1200 ≥ 1000	73.5	98.3	99.0	99.2	99.6	99.6	99.0		99.8	99.8	99.8	99.8	99.7	99.7	99.7	99.8
≥ 900 ≥ 800	73.5	98.3		99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8 99.8
≥ 700 ≥ 600	73.5	98.3	99.0	99.2	99.6	99.7	99.8	99.8 99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	73.5 73.5	98.3	99.0	99.3	99.6 99.6	99.7	99.8 99.8	99.8	99.9	100.0	100.0	100 - 0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	73.5	98.3	99.0	99.3	99.6	99.7	99.8	99.8	99.9	100-0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.5								99.9	100.0	100.0	100.0	100.0	100 · 0 100 · 0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 240

USAF ETAC PLA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

										<u> </u>						,
CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 10	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	49.4	72.3			- 1	73.7	73.7 82.4									73.7
≥ 18000 ≥ 16000	55.5	80.8				82.4	82.4	82.4	82.4		82.4	82.4	82.4	82.4	82.5	82.4
≥ 14000 ≥ 12000	56.3	83.8	82.4		83.2		83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000 ≥ 9000	59.6	87.1 87.7	87.7	88.2	88.6	88 . 7	88.8	88.8	88.8	88.8	88.88	88.8	88.8	88.88	8.85	88.8
≥ 8000 ≥ 7000	61.3	89.7	90.4	90.9	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000 ≥ 5000	61.6	91.2	92.0	92.5	93.0		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
≥ 4500 ≥ 4000	62.5		93.9	94.4	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500 ≥ 3000	63.5	94.7	95.5	96.1	96.6		96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500 ≥ 2000	64.2	96.3	97.1	97.7	98.2	98 - 5	98.6	98.6	98.6	98.7	98.7	98.7	98.7			98.7
≥ 1800 ≥ 1500	64.5	96.6	97.5	98.0	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1		99.1 99.1
≥ 1200 ≥ 1000	64.6	96.8	97.6	98.2	98.9	99.2	99.3	99.3	99.3	99.4	99.4	79.4	99.4	99.4	99.4	99.4
≥ 900 ≥ 800	64.6		97.7	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700 ≥ 600	64.6	97.0	97.8	78.5		99.6	99.7	99.7	99.7	99.8		99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	64.6	97.0	97.8		99.3			99.7	99.7	99.8	99.8	99.8	99.8	99.5	99.8	99.8
≥ 300 ≥ 200	64.7	97.1			99.4	99.7		99.9	99.9	100.0	100.0	100.0	100.0	100 • 6	100 • 0 100 • 0	100.0
≥ 100 ≥ 0	64.7		98.0		99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 10PM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING	,						VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ '0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ½	≥ 0
NO CEILING ≥ 20000	40.0	62.3	64.4		66.9	67.2	68.1 74.6	68.3 74.8	68.3 74.8	68.8 75.3	69.0 75.5	69.0 75.5	69.2 75.8	69.2 75.8	69.4 76.0	69.7 76.3
≥ 18000 ≥ 16000	44.1	68.7 68.9	70.9 71.1	72.3	73.5 73.7	73.8 74.0	74.6	74.9	74.9 75.1	75.4 75.6	75.6	75.6 75.8	75.9 76.1	75.9 76.1	76.1 76.3	76.3
≥ 14000 ≥ 12000	44.6	69.5 72.1	71.6	73.1 75.9	74.2	74.6	75.4 78.3	75.7	75.7	76.2	76.4	76.4	76.7	76.7	76.8 79.7	80.0
≥ 10000 ≥ 9000	47.6 48.2	74.0	78.0	79.7	81.0	80.2	82.2	81.4	82.4	82.9	82.1	82.1 83.1	82.3	82.3	82.5	82.8
≥ 8000 ≥ 7000	49.6	78.8	80.4 81.5		84.8	83.9	84.8	85.1	85.1 86.2	86.7	86.9	86.9	86.0	87.2	86.2	86.5
≥ 6000 ≥ 5000	50.3 51.1	81.4	82.5 84.6	86.4	88.1	86 • 2 88 • 4	87.0 89.3	87.3	89.5	90.0	90.3	90.3	90.5	90.5		88.7 91.0
≥ 4500 ≥ 4000	51.7 52.0	82.4 83.2	86.6		90.2	89.4 90.5	90.3	90.5	90.5	91.0	91.2	91.2	91.5	92.6	91.7	91.9
≥ 3500 ≥ 3000	52·2 53·0	85.3	87·2 88·7	89.1 90.6	90.8	91·1 92·6	92.0 93.5	92.3	92.3 93.7	92.8	93.0	93.0 94.5	93,2 94.7	93.2	93.4	93.7 95.2
≥ 2500 ≥ 2000	53·1 53·2	86.5	90.0		93·0 93·7	93.3	94.2	94.5	94.5	94.9	95.2 95.9	95.9	95.4 96.2	95 • 4 96 • 2	95.6	95.9
≥ 1800 ≥ 1500	53.2 53.3	86.7 87.1	90 · 2 90 · 7	92.7	93.9	94.2	95.7	95.4 95.9	95.4 95.9	95.9	96 • 1 96 • 6	96.6	96.4 96.9	96 • 4 96 • 9	96 · 6 97 · 1	96.9 97.4
≥ 1200 ≥ 1000	53.3	87.3 87.7	90.9		94.7	95.6	95.9	96 • 2 96 • 8	96.2	96.7	96.9 97.5	96.9	97.2 97.8	97·2 97·8	97.4	98.3
≥ 900 ≥ 800	53.5 53.5	87.9	91.7	93.9	95.8	96·1 96·3	97.0 97.2	97.5	97·3	97.8 98.0	98 • 0 98 • 2	98 • 0 98 • 2	98.3 98.5	98 · 3 98 · 5	98 · 4 98 • 7	98.7
≥ 700 ≥ 600	53.6 53.6	88 • 1 88 • 2	92.0	1	96·2 96·5	96.6	97.5	97.7	97.7	98 • 2 98 • 5	98 · 4 98 · 7	98 · 4 98 · 7	98.7 99.0	98.7 99.0	98.9 99.2	99.2 99.5
≥ 500 ≥ 400	53.6		92.4	94.6	1 - 7 - 7	97.0	98.0		98.2	98.7 98.7	98.9 99.0			99.2	99.4	99.7
≥ 300 ≥ 200	53.6		92.4	1 - 1	96.7 96.7	97.0	98.0	98.3	98.3 98.3	98.8 98.8	99.0	99.0	99.3		99.5	99.8 99.8
≥ 100 ≥ 0	53.6			1	96.7 96.7	97·0							99,3			99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

							VICIOII	ITY (STATU	TE MILECY							
CEILING							VIOLE		TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥11/3	≥1%	≥1	≥ ¾	≥ ¾	≥ ⅓	≥ \$116	≥ ¼	≥ 0
NO CF'LING ≥ 20000	32.5 35.9	52.3 57.8			58.2	58.5	59.7	66.2		61.2		67.7	62.4	62.5	63.4	70.5
≥ 18000 ≥ 16000	36.2 36.2	58.3 58.3	51.1	63.4	64.6	64.9	66.2	66.7	66.8	67.7	68.2	68.2	69.0	69.1	70·1	71.0
≥ 14000 ≥ 12000	36.6 38.3	59.0	64.4	64.1	65.3	65.6	66.9	67.4 70.1	67.5	68.4	68.8	68.9 71.7	69.7	69.6	70.8	71.8
≥ 10:00 ≥ 9000	40.1 40.6	65.8	68.9	70.4 71.3	71.8	72·1 73·0	73.4	73.9 74.8	74.0 74.9	74.9 75.8	75.4 76.3	75.5	76.2 77.1	76.3	77.4	78.3 79.3
≥ 8000 ≥ 7000	42.4	68.8 70.5	72.0 73.7	74.6	76·2 77.9	76 • 5 78 • 2	77.8	78.3 80.0	78.4 80.1	79.3 81.1	79.8 81.5	79.9 81.6	80.6	80.7 82.5	81.8 83.5	82.8 84.5
≥ 6000 ≥ 5000	44.2	72·2 74·2	75.4	78.0 80.2	79.6	79.9 82.1	81.2 83.4	81.8	81.8	82.8 85.0	85.4	83.3	84·1 86·2	84.2	85·2 87·4	86.2 88.4
≥ 4500 ≥ 4000	45.4	74.8	78.3 80.0	81.1 82.8	84.4	84.8	84.3	84.8	84.9 86.7	85.9 87.7	86.3 88.1	86 • 4 88 • 2	87.1 88.9	87.3 89.1	88·3 90·1	89.3 91.1
≥ 3500 ≥ 3000	46.8	77.3 78.2	81.0 82.1	83.9 85.0	85.6	86·0 87·1	87.3 88.4	87.9	87.9	90.0	89.3 90.4	90.5	90·2 91·4	91.5	91.4	92.4
≥ 2500 ≥ 2000	47.0 47.1	78.7	82.6	86.2	87.9	88.2	88.9	90.1	90.2	91.1	91.6	91.1	91.9 92.5	92.0	93·1 93·7	94.1
≥ 1800 ≥ 1500	47.1	79.5	83.4	86.8	88.5	88.9	90.3	90.8	90.4	91.4	91.8	91.9	92.7 93.3	92.9	93.9	94.9 95.4
≥ 1200 ≥ 1000	47.4	80.4	85.1	88.1	89.9	90.3	91.7	91.6	92.3	92.7	93·1 93·7	93.2	94.6	94.2	95·2 95·8	96.2 96.8
≥ 900 ≥ 800	47.6	81.4	85.6	88.3	90.5	90.5	91.9	92.5	92.6 93.0	93.6	94.5	94.1	94.9	95.1 95.5	96 • 1 96 • 5	97.1 97.5
≥ 700 ≥ 600	47.7	81.6	85.7	89.2	91.1	91.5	92.4	93.5	93.2 93.6	94.2	94.6 95.1	95.2	95.5	95.7 96.1	96.7 97.1	97.7 98.1
≥ 500 ≥ 400	47.7	81.8	86.0	89.5	91.4	91.8	93.2	94.1	94.2	95.2 95.3	95.6 95.8	95.9	96.5 96.7	96.8	97.7	98.7 98.9
≥ 000 ≥ 200	47.7	81.8 61.8	86.1	89.5		92·0 92·0	93.4	94.2	94.3	95.4	95.9	95.9 96.1	96.8	96.9	97.9	98.9 99.1
≥ 100 ≥ 0	47.7	81.8			91.6			94 • 2 94 • 2	94.3 94.3				96.9 96.9	-	98 · 1 98 · 2	99.2 100.0

TOTAL NUMBER OF OBSERVATIONS_

2314

USAF ETAC 101.64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING						-	VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.4 31.1	44.0 53.3	46.0 55.8	47.6 57.9	49.0 59.5	60.3		51.2 61.9	51.3	51.8	52.1	52 · 1 63 · 1	52.7 63.7	52.7		54.1 65.4
≥ 18000 ≥ 16000	31·1 31·2	53.4 53.5	55.9 56.0	58.0 58.1	59.6 59.8	60.5		62.0	62.1	62.8	63.2	63.2	63.8	63.8	64.1	65.5
≥ 14000 ≥ 12000	31.7	54.1 56.5	56.6		63.0	61.3	62.1	62.9	63.0	63.7	66.7	64.1	64.8	64.8	65.1	69.0
≥ 10000 ≥ 9000	35.3 35.7	61.5	64.3	66.6	68.6	68.4	69.3 70.3	70.2 71.2	70·3	70.9 72.0	71.4 72.5	71.4	72·1 73·2	72·1 73·2	72.4	73.7
≥ 8000 ≥ 7000	37.3 38.6	66.8	70.1	70.4	72.5 75.1	73.4	74.4	75.3 77.9	75.4 78.0	76.1 78.7	76.6	76.6 79.2	77.3	77.3 79.9	77.6 80.2	78.9 81.6
≥ 6000 ≥ 5000	39.5	70.7	72.0	74.8	77.1 79.6	78 · 1 80 · 7	79.1 81.6	80.0 82.6	80.1	80.8	81.3 84.0	81.3 84.0	82.0	82.0 84.6	82·3 85·0	83.6
≥ 4500 ≥ 4000	40.6 41.4 41.9	70.9 72.4 73.2	74.6	79.3	81.6	82.7	81.9	82.9 84.6	83.0	83.8	84.2	84.2	84.9	84.9	85·2 87·0	86.6
≥ 3500 ≥ 3000	42.7	74.3	78.1	81.3	82.5	84.8	84.6	86.8	85.7	87.7	87.0 88.2	87.0 88.2	87.7 88.9	88.9	88 · 0	90.6
≥ 2500 ≥ 2000	43.3	75.6	79.7	82.9	85.4	86.5	87.6	88.6	88.7	89.5	90.0	90.0	89.7 90.8	89.7 90.8	90.0 91.1	91.4
≥ 1800 ≥ 1500	43.6	76.7	80.8	84.0	86.6	87.7	87.9 88.8	88.9	89.0	89.8 90.8	90.3	90.3 91.2	91.0	91.0 92.0	91.4	92.7 93.6
≥ 1200 ≥ 1000	44.3	78.1	82.4	85.7	88.5	88.5	91.0	90.6	92.2	91.5	92.0 93.6	92.0 93.6	92.7	92.7 94.3	93.0	96.0
≥ 900 ≥ 800	44.5	78.7	83.1	86.5	89.3	90.6 91.1		92.3	92.4 93.1	93.3	93.8	93.8 94.5	94.6	94.6	94.9	96.2
≥ 700 ≥ 600	44.6	79.2	83.9	87.4	90.3	71.6	92.4	93.6	93.7	94.7	95.2	95.2	95.9 96.7	95.9	96·3 97·1	97.6
≥ 500 ≥ 400	44.6	79.3	84.0	87.6 87.7	90.5	91.9	93.4	94.7	94.8	95.9	96.4	96.4	97.2 97.3	97.2	97.5	98.8 99.0
≥ 300 ≥ 200	44.6	79.3	84.1	87.7	90.6	92.0	93.6	94.9	95.0		96.7	96.7	97.5	97.5	97.8	99.2
≥ 100 ≥ 0	44.6	79.3	84.1	87.7		92.0		94.9	95.0 95.0	96.1 96.1	96.7	96.7	97.5 97.5	97.5 97.5	97.9	99.5

TOTAL NUMBER OF OBSERVATIONS

2488

USAF ETAC $\frac{608M}{93.64}$ 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

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FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBI	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.1 42.4	54.1 63.9	55.9 66.3	56.8 67.4	57·3	57.5 68.1	57.5 68.2		57.7 68.3	57.7 68.4	57.7 68.4	57.7 68.4	57.7 68.4	57.7 68.4	57.7 68.4	57.7 68.4
≥ 18000 ≥ 16000	42.5	64.0	66.4	67.5 67.6	68.0 68.0	68 • 2 68 • 2	68.3 68.4	68.4		68.5 68.5	68.5 68.5	68.5 68.5	68.5 68.5	68.5 68.5	68 • 5 68 • 5	68.5 68.5
≥ 14000 ≥ 12000	43.1	67.2	69.7	70.9	71.5	69·2 71·7	69.3 71.8	69.4	69.4 71.9	69.5 72.0	69.5 72.0	69.5 72.0	72.0	72.0	69.5 72.0	69.5 72.0
≥ 10000 ≥ 9000	46.8	70.9		74.8	75.4	75 · 6 76 · 5	75.7	75.8 76.7	75.8 76.7	75.9 76.8	75.9 76.8	75.9 76.8		75.9 76.8	75.9 76.8	75.9 76.8
≥ 8000 ≥ 7000	48.9 49.8	74.5	79.1	78.6 80.5	79.3	79 • 5 81 • 5	79.6 81.6	79.8 81.8	79.8 81.8	79.8 81.9	79.8 81.9	79.8 81.9	79.8 81.9	79.8 81.9	79 · 8 81 · 9	79.8 81.9
≥ 6000 ≥ 5000	50.9	78.4 80.4	83.5	82.7 84.9	83.5	83.7 86.0	83.9	84.0 86.3	84.0		84·1 86·3	84.1	84.1	84.1	84 • 1 86 • 3	84.1
≥ 4500 ≥ 4000	52.2 52.7	80.8	84.9	85.3	87.3	86.3	86.5	86.6	86.6	88.0	86.7 88.0	86.7	86.7 88.0	86.7	86.7 88.0	
≥ 3500 ≥ 3000	53.9	82.5	86.9	87 · 2 88 · 5	88.0	88.3	88.5	88.6	88.7	88.7 90.0	88.7 90.0			90.0		88.7 90.0
≥ 2500 ≥ 2000	54.2 55.3	84.6	89.9	89.4 91.6	90.2	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800 ≥ 1500	55.5 55.9	87.2 88.5	91.7	92.0	92.8	93.1	93.3	93.5	93.5	95.1	93.6 95.1	93.6 95.1	93.6	93.6	93·6 95·1	93.6
≥ 1200 ≥ 1000	56 · 5 56 · 8	90.2	93.5	94.5	95.5	95.8	96.0	96.2	96.2		96 · 3 97 · 5	96.3	96.3	96.3	96.3	96.3
≥ 900 ≥ 800	56.9 56.9	90.7	94.1	95.5		97.9	98.1	97.6	97.7	97.8	97.8 98.6	97 • 8 98 • 6	97.9	98.6	97.9	97.9
≥ 700 ≥ 600	57.0 57.1	90.9		96.4	97.7	98 • 4	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.5	99.2	99.2
≥ 500 ≥ 400	57.1 57.1	91 • 1 91 • 1 91 • 1	94.5	96.5 96.5	98 • 0 98 • 0	98.7	99.0 99.0	99.4 99.4	99.4 99.5	99.6	99.7		99.8	99.8	99.8	
≥ 300 ≥ 200	57.1 57.1	91.1	94.6	96.5	98.1	98 • 8 98 • 8	99.1	99.5	99.6	99.8		99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	57.1		94.6							99.8		99.9	100.0	100.0	100•0 100•0	100.0

TOTAL NUMBER OF OBSERVATIONS____

248:

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING			·		_	·	VISIBIL	.ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥%	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.9 48.3	56.6 67.7	56,9 68.2	56.9 68.3	57.0 68.4	57 • 1 68 • 5	57.1 68.5	57.1 68.5	57.1 68.5	57.1 68.5	57.1 68.5	57.1 68.5		57.1 68.5	57.1 68.5	57.1 68.5
≥ 18000 ≥ 16000	48.3	67.7 67.8	68.2	68.3 68.4	68.5 68.5	68.5 68.5	68.5 68.5	68.5 68.5	68.5 68.5	68.5 66.5	68.5 68.5	68.5 68.5	68.5 68.5	68.5 68.5	68.5	68.5 68.5
≥ 14000 ≥ 12000	48.7 50.5	68.3 71.1	68.8		69.0 71.9	69 • 1 72 • 0	69.1 72.0	69.1 72.0	69 • 1 72 • 0	69·1 72·0	69.1 72.0	69.1 72.0	69·1 72·0	69 · 1 72 · 0	69·1 72·0	69·1 72·0
≥ 10000 ≥ 9000	52.3 53.0	74.9 75.7	75.5 76.3	75.8 76.6	76.7	75.9 76.8	75.9 76.8	75.9 76.8	75.9 76.8	75.9 76.8	75.9 76.8	75.9	75.9	75.9 76.8	75.9 76.8	75.9 76.8
≥ 8000 ≥ 7000	54.4	78.1 79.3	78.7	79.1 80.4	79.4 80.6	79.4 80.7	79.4 80.7	79.4 80.7	79.4 80.7	79.4 80.7	79.4 80.7	79.4	79.4 80.7	79.4 80.7	79 • 4 80 • 7	79.4 80.7
≥ 6000 ≥ 5000	56.2 57.4	81.2 83.1	82.0 83.8	82.4	82.8	82 · 8 84 · 7	82.9	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.8	82.9	82.9 84.8	82.9 84.8	
≥ 4500 ≥ 4000	58.6	84.3	85·0 87·0		85.9 87.9	85.9 88.0	86.0	86.0	86.0	88.1	86.0 88.1	86 • 0 88 • 1	86.0 88.1	86.0 88.1	86 • 0 88 • 1	88.1
≥ 3500 ≥ 3000	60.8	87.3 89.2	88.0 90.0		91.0	89.0 91.0	89.1 91.1	89.2 91.1	89.2 91.1	89.2 91.1	89.2 91.1	89.2 91.1	89.2 91.1	89.2 91.1	89 · 2 91 · 1	89.2 91.1
≥ 2500 ≥ 2000	63.7	91.3 93.4	92.2	92.8 95.0	93·3 95·6	93.3	93.4	93.5 95.8	93.5 95.8	93.5 95.8	93.5 95.8	93.5	93.5 95.8	93.5 95.8	93.5 95.8	93.5 95.8
≥ 1800 ≥ 1500	65.1 65.8	93.9 95.1	94.9	95.6 96.9	96·1 97·4	96 • 2	96.3	96 • 3 97 • 6	96.3	96.3 97.6	96.3	96 • 3 97 • 6	96.3	96 • 3 97 • 6	96·3 97·6	97.6
≥ 1200 ≥ 1000	66.4	95.9 96.3	97·1 97·5	97.9 98.3	98.5 98.9	98 • 5 99 • 0		98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.2	98.7 99.2	98 • 7 99 • 2	98.7 99.2
≥ 900 ≥ 800	66.4	96.3 96.5	97.5	98.3 98.5	98.9	99.0	99.1	99.1	99·1 99·5	99.1 99.5	99.2	99.2	99.2	99•2 99•6	99.2	99.2 99.6
≥ 700 ≥ 600	66.4	96+5 96+5	97.8 97.8	98.6 98.6	99.4	99.5	99.6 99.7	99.6	99.6 99.8	99.6	99.7 99.8	99.7 99.8	99.7	99.7 99.8	99.7	99.7 99.8
≥ 500 ,≥ 400	66.4	96.5	97.8	98.6	99.4	99.5	99.8 99.8	99.8	99.8	99.8	99.9			100.0		100.0
≥ 300 ≥ 200	66.4	96.5	97.8	98.6 98.6	99.4	99.5	99.8		99.8	99.8	99.9	99.9	100.0	100•0 100•0	100 • 0	100.0
≥ 100 ≥ 0	66.4	96.5 96.5	97.8		99.4	99 • 5 99 • 5	99.8	99.8 99.8				99.9 99.9	100.0	100•0 100•0	100·0 100·0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	1 ≤	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.1 55.3	61.2 73.0		61.7	61.7	61.7 73.8	61.7		61.7	61.7			61.7	61.7	61.7	61.7
≥ 18000 ≥ 16000	55.4 55.4	73·1 73·2	73.5 73.6	73.8 73.9	73.9 73.9	73.9	73.9	73.9 73.9	73.9	73.9 73.9	73.9 73.9	73.9	73.9	73.9		73.9
≥ 14000 ≥ 12000	55.9 57.1	73.8 76.0	74.2 76.5	74.5 76.9	74.5 77.0	74.5 77.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000 ≥ 9000	58.7 59.4	79.5 80.6	80.1	80.5 81.6	81.7	80.6 81.7	80.6	80.6 81.7	80.6 81.7	80.6	80.6	80.6 81.7	80.6	80.6	80.6	80.6 81.7
≥ 8000 ≥ 7000	61.0	82.8	83.4 84.7	83.9 85.2	84.0	84 • 0 85 • 3	85.3	84.0 85.3	84.0	84.0		84.0	84.0	84.0	84.0	84.0
≥ 6000 ≥ 5000	62.7	87.4	88.3	88.8	86.5	89.0	89.0	86.5 89.0	86.5	86.5 89.0		86.5	86.5	86.5	86.5	86.5
≥ 4500 ≥ 4000	66.7	87.7 90.3	91.2	89.1 91.8	92.0	89·3 92·0	89.3 92.0	92.0	89.3 92.0	89.3 92.0	92.0	89.3 92.0	89.3 92.0	89.3 92.0	92.0	89·3 92·0
≥ 3500 ≥ 3000	68.6	91·2 93·0	92.2	92.7	92.9	92.9	92.9	92.9 94.7	92.9	92.9 94.7	92·9 94·7	, -,	92·9 94·7	92.9	92.9	92.9
≥ 2500 ≥ 2000	69.8 70.4	94.5	96.8	96.2 97.4	96.5	96 • 6 97 • 8	96.6	96.6 97.8	96.6	96.6	96.6 97.9	96.6 97.9	96.6	96 • 6 97 • 9	96.6	96.6
≥ 1800 ≥ 1500	70.7	96.6 96.8	97.1	97.7	98.1	98 • 1 98 • 7	98.1	98 • 1 98 • 8	98 • 1 98 • 8	98.2 98.8	98 • 2 98 • 8	98 • 2 98 • 8	98 • 2 98 • 8	98 • 2 98 • 8	98 • 2 98 • 8	98 · 2 98 · 8
≥ 1200 ≥ 1000	70.8	97.0	97.9 98.1	98.5 98.7 98.7	99.1	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99•1 99•3	99.1	99·1 99·3
≥ 900 ≥ 800	70.8	97.1	98.2	98.8	99.2	99.4	99.4	99.4	99.4	99.3	99.3	99.3	99.3	99.5	99.5	99.3 99.5
≥ 700 ≥ 600	70 · 8	97.1	98.2	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8 99.9
≥ 500 ≥ 400	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99,8	99.9	99.9	99.9	99.9	99.9	99.9	00.0
≥ 300 ≥ 200	70.8	97.1	98.2	98.8	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99,9	99.9	99.9	99.9	00.0
≥ 100 ≥ 0	70.8	97.1	98.2	98.8		99·6		99•8 99•8	99.8	99.9	99.9	99.9	99.9	99.9	99.91	

TOTAL NUMBER OF OBSERVATIONS

2475

USAF ETAC $_{_{_{_{_{_{3}}}}}}^{_{_{_{_{1}}}}}$ 0.14-5 (OL A) meanous editions of this form are obsciete

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	ITY (STATU	TE MILES)					_		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ .⅓	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5,	≥%	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	46.6	65.5 75.5	66.0 76.1	66.3 76.4		66 · 5		66.5 76.7	66.5			66.5 75.7			- • -	76.7
≥ 18000 ≥ 16000	54.3 54.4	75.6 75.7	76 · 1 76 · 2		76.7 76.7	76.7	76.7 76.8	76.7 76.8			76.8	76.7 76.8		76.7 76.8		
≥ 14000 ≥ 12000	54.9 56.3	76.3 78.4	76.8	79.5		77.4	79.8	79.8		79.8		77.4		77.4		79.8
≥ 10000 ≥ 9000	57.8 58.3	81.6	83.4	83.9	84.2	84.2	84.3	84.3		84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000 ≥ 7000	59.2 60.6	84.4	85.3	87.9	88.5	86 • 2 88 • 5	88,5	88.5		88.5	88.5	86.2 88.5	88.5	88.5		88.5
≥ 6000 ≥ 5000	61.4 62.7	87.5 89.6 89.8	88.5 90.6	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500 ≥ 4000	63.8	91.4	92.5	93.3	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500 ≥ 3000	64.8	93.2	94.5	95.4	1	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500 ≥ 2000 ≥ 1800	65.2	94.8	96.2		98.0	98 • 0	98.2	98.2	98.2	98.2		98.2	98.2	98.2	98.2	
≥ 1500	65.3	95.3	96.7		98.5			98.7		1		99.0	99.0	99.0	99.0	99.0
≥ 1000	65.4	95.8	97.2		99.0	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	65.4	95.8	97.4		99.4	99.5	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	65.4	95.9	97.4	98.4	99.4		99.8		99.7	99.9	100.0	100.0	99.9	100.0	100.0	100.0
≥ 400	65.4	95.9	, , , ,	98.4	99.5	99.6	99.8	99.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.4	95.9	1 * ' '		99.5 99.5	99.6	99.8		99.8		100.0	100.0	100-0	100.0	100.0	100.0
≥ 0	65.4	95.9	71.4	70.7	77.5	7710	77.0	77,0	7700	7707	1.00.0	100.0	*00.0	1.00.0	1-00-0	1.00.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM DL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							ViSIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	45.5 50.4	69.4 76.4			72.5	72.5 79.7	79.8	72.5 79.8			72.7		72.7		72.8	72.8
≥ 18000 ≥ 16000	50.4 50.6	76.4 76.7	78.0 78.2	79.0 79.2	79.7	79.7		79.8 80.0	79.8 80.0	79.9 80.1	80.0 80.2	80.0	80.0	80.0	80.0	80.0
≥ 14000 ≥ 12000	51.1 52.2	77.2 79.0	78.7 80.6	79.8	80.5	80·5 82·3	82.4	80.6 82.4	80.6 82.4	80.7 82.6	80.8			80.8 82.6	80.8	80.8
≥ 10000 ≥ 9000	53.6 54.1	81.6	83.2 84.1	84.2 85.1	85.1 86.1	85 • 1 86 • 1	85.2 86.2	85.2 86.2	85.2 86.2	85.3	85.4 86.4	85.4	85.4 86.4	85.4	85.4	85.4
≥ 8000 ≥ 7000	55.1 55.7	84.3	86.1	87·1 88·4	88·1 89·5	88 • 1 89 • 6		88.2 89.7	88·2 89·7	89.8	88.4 89.9	88.4 89.9	88.4 89.9	88.4 89.9	88.4	88.4 89.9
≥ 6000 ≥ 5000	55.9 56.7	87.6	88.1	89.1 90.7	90.2	90·3 92·0	92.0	90.4	90·4 92·0	92.2	90.6	90.6	92.2	90.6	90.6	90.6
≥ 4500 ≥ 4000	57.6 57.6	87.9 88.9	89.9 90.9	91.0	92.3	92.4		92.5 93.7	92.5 93.7	92.7 93.8	92.7	92.7 93.9	92.7 93.9	92.7 93.9	92.7	92.7 93.9
≥ 3500 ≥ 3000	58.0 58.5	90.9	91.6	94.2	94.2	94.3	95.8	94.4	94.4 95.9	96.0	94.6	94.6	94.6 96.1	94.6 96.1	94.7	94.7
≥ 2500 ≥ 2000	58.7	91.8	94.5	95.2 95.9	96.6	96•7 97•4	96.9 97.6	96.9 97.7	96.9	97.1 97.9	97.2 97.9	97·2 97·9	97.2 97.9	97·2 97·9	97·2 98·0	97·2 98·0
≥ 1800 ≥ 1500	58.7	92.3 92.5	94.9	95.9	97.4	97 • 5 97 • 8		97.7 98.1	97.8 98.1	97.9	98.0 98.3	98 • 0 98 • 3	98.0 98.3	98·0 98·3	98 • 0 98 • 4	98.0 98.4
≥ 1200 ≥ 1000	58.7	92.9	95.3	96.4 96.8	97.9	98.6		98.9	98.3 98.9	98.5	98.6 99.1	98.6 99.1	98.6	98 • 6 99 • 2	98·6 99·2	98.6 99.2
≥ 900 ≥ 800	58.7	93.0	95.5	97.1	98.6 98.8	98.7	99.0	99.0	99,1	99.3	99.3 99.5	99.5	99.3	99.3	99.4	99.4
≥ 700 ≥ 600	58.7	93.0	95.6 95.7	97.2	99.0	99·0 99·1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500 ≥ 400	,	93.0	95.7	97.3	99.1	99 • 2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.91	00.01	00.0
≥ 300 ≥ 200		93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100 - 01	00.01	00.0
≥ 100		93.0	95.7	97.3	99.1	99.2	99.5	99.6	99.7	99.9	99.9	99.9	100.0	00.01	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS

2287

USAF ETAC 104 0-14 5 (OLA) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ 14	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.8 42.8	60.1	62.3	63.8	65.3 70.7							67.5	68.3 73.8		68.5	69.0
≥ 18000 ≥ 16000	42.9	65.3	67.6 67.7	69.2	70.9	70.9 71.0	71.8	72.1 72.2	72.1	72.7 72.8	73.1 73.1	73.1 73.2	73.9	74.0 74.1	74.3	74.7
≥ 14000 ≥ 12000	43.8	68.1	70.6	70.5	73.8	72.3 73.9	73.1 74.8	73.4 75.1	73.4 75.1	74.0 75.7	74.4 76.1	74.5 76.2	75.3 76.9	75.3 77.0	75.6 77.3	76.1 77.7
≥ 10000 ≥ 9000	46.1	70.0		74.5		76.2	77.0	77.5	77•3 77•5	77.9	78.3 78.5	78.4 78.5	79.2	79.2 79.4	79.5 79.7	80.0
≥ 8000 ≥ 7000	46.8 47.3 47.5	72.0 73.1 73.7	74.8	76.7 77.9 78.5	78.4	78.5 79.8	79.4 80.7	79.8	79.8 81.0	80.4		80.8 82.0	81.6	81.6	82.0	83.6
≥ 6000	48.5	75.4	76.6 78.3 79.3	80.2		80.4 82.1	81.4 83.1	83.4	81.7 83.4	82.3	82.7	82.8	83.6	85.3	83.9	86.1
≥ 4500 ≥ 4000 ≥ 3500	49.1	77.1	80.1	82.4	84.1	84.3	85.2	~ ,	85.5	86.2	85.5 86.5	85.6 86.6	86.4 87.4	86.5	87.8	87.2
≥ 3000	50 · 1	79.2	82.4	85.0	86.8	86.9	87.9	88.2	88.2	88.8	89.2 90.5	89.3	90.1	88.5 90.1	90.5	90.9
≥ 2000	50.5	81.5	84.8	87.5	89.2	89.4	90.3	90.7	90.7	91.3	91.7	91.8	92.6	92.7	93.0	93.4
≥ 1500	50.6	83.2	85.7	88.4	90.3	90.5	91.5	91.8	91.8	92.4	92.9	93.0	93.8	93.8	94.1	94.6
≥ 1000	50.9 51.0	83.8	87.4	90.2	92.5	92.5	93.5	93.9	93.9		94.9	95.0 95.4	95.8	95.9	96.2	96.6
≥ 800 ≥ 700	51.1 51.2	84.2	87.9	90.8	93.4	93.7	94.4	94.8	94.8	95.4	95.8	95.9	96.7	96.8	97.1	97.5
≥ 600	51.2	84.6	88.5	91.4	93.8	94.2	95.5	95.9	95.9	96.9	96.9	97.5	97.8	97.9	98 • 2 98 • 6	98.6
≥ 400	51.2	84.8	88.7	91.7	94.4	94.6	96.0	96.4	96.5	97.2		97.8	98.6	98.6	99.0	99.4
≥ 200 ≥ 100 > 0	51.2	84.8	88.7	91.8	94.5	94.8	96.2		96.7	97.4	98.0	98.1	98.9	98.9		99.8
≥ 0	51.2	84.8	88.7	91.8	94.5	94.8	70.2	96.6	96.7	97.4	98.0	98.2	99.0	99.0	99.4	00.0

TOTAL NUMBER OF OBSERVATIONS

_2130

USAF ETAC RESU 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

(

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53362-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING .							VISIBIL	UTATZ) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ⅓	≥ 0
NO CEILING ≥ 20000	33.5 35.7	52.8 56.7	60.3	58.1 62.5		- 0 - 0		1	62.0		68.5	63.9	65.1	65.1	65.8 70.4	
≥ 18000 ≥ 16000	36.0 36.1	57.0 57.1	60.6 60.7	62.7	64.6	64.8		66.7	66.8	1	68.8	7 - 7 - 7	70.0		70.7	72.3
≥ 14000 ≥ 12000	36·4 37·4	57.8 59.4	61.4	63.6		67.4		67.6	67.7		69.7 71.4	69.7 71.4	70.9	70.9 72.6	71.6 73.3	73.2
≥ 10000 ≥ 9000	38.3	61.8	65.8	67.4	70.0	70.3	71.9	71.4 72.2	71.5 72.3	73.4	73.5 74.3	73.5 74.3	74.7 75.5	74.7 75.5	75.4 76.2	77.0 77.8
≥ 8000 ≥ 7000	39.3 40.0	65.1	67.9 69.2	70.4	72·3 73·5	72.5		74.4	74.5 75.8	76.9	76.5 77.8	77.9	77.7 79.0	77.7 79.1	78 · 4 79 · 7	80.0
≥ 6000 ≥ 5000	40.5	68.2	70.6	73·1 75·0	75.0 76.9		78.9	79.2	77.4 79.2	80.4	81.3	81.4	80.7	80.7 82.6	81.4	83.0 84.8
≥ 4500 ≥ 4000	41.7	70.6			77.9 79.5	78 • 1 79 • 7	81.6		81.9	83.2	84.1	84.2	83.5	83.6 85.4	84·3 86·0	85.9 87.6
≥ 3500 ≥ 3000	42.5	71.6	76.1	77.9 78.7	80.8	"	82.9	82.4 83.2	82.5 83.2	84.5	84.7	84.7 85.5	85.9 86.7	85.9 86.7	86.6 87.4	88.2
≥ 2500 ≥ 2000	43.3	73.0	78.7		83.6	83.8	85.7	86.0	84.7	87.3		88.4	88.2	88.3 89.6	90.3	90.5
≥ 1800 ≥ 1500	43.7		79.5	82.3		84.8		87.0	86.2 87.1	88.3	89.3	89.4	89.7 90.6	89.8 90.6	90.4	92.9
≥ 1200 ≥ 1000	44.1	75.7		84.0	86.4	86.7	88.8	89.2	89.2	90.4	91.5	91.6	91.7	91.7 92.8	92.4	94.0
≥ 900 ≥ 800	44.1	76.6	81.9	84.9		87.9	90.0	90.4		91.6	91.9 92.7	92.0 92.8	93·2 94·0	93.2 94.0	93.9	95.5
≥ 700 ≥ 600	44.2	77.5	82.6				91.2	91.0 91.6	91.0 91.6		93.3		94.6 95.2	94.6	95.3	96.9 97.5
≥ 500 ≥ 400	44.2	77.6 77.8	82.9	85.9	89.3	89.6	92.0	91.9	91.9	93.2	94.2		95.5 96.0	95.6 96.1	96 • 2 96 • 8	97.8 98.4
≥ 300 ≥ 400	44.2	77.9 77.9	83.0	86.2 86.3	89.6		92.2	92.6	92.7	93.9	95.3	95·1 95·4	96.4 96.8	96.5	97·2 97·6	98.8
≥ 100 ≥ 0	44.2						92.2	92.6	92.7 92.7	94.2	95.3	95.4 95.4	96.8 96.8	96.9 96.9	97.7 97.7	99.4

TOTAL NUMBER OF OBSERVATIONS.

2249

USAF ETAC TOTAL 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FURT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISIBIL	ITY (STATU	E MILES)	·						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ }	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.0 30.4	44.4 50.2			50.5 57.1		51.3 58.0	51.5 58.3	58.4	52.2 59.1	52.6 59.5	52.8 59.7	53.5 60.4	53.6 60.5	54.4	56.2 63.2
≥ 18000 ≥ 16000	30.7 30.9	50.4 50.7	53.5 53.7	55.4 55.6	57.3 57.5	57.6 57.8	58.3 58.5	58.6 58.8		59.5	59.7	59.9 60.1	60.7	61.0		63.7
≥ 14000 ≥ 12000	31.5 32.5	53.5					59.5 61.4	59.8 61.7	59.9 61.8			61.2	63.9	63.9	64.8	66.7
≥ 10000 ≥ 9000	33.7	56.5 57.0		62.2	64.3	64.7	65.4	65.6		66.5			67.6	67.9	68.7	70.7
≥ 8000 ≥ 7000	34.8 35.8		64.6	66.7		69.6	70.3	70.7	70.8	71.6	72.0	69.6 72.2	72.9	70.4	71.2	73.1 75.8
≥ 6000 ≥ 5000	36.5 37.1	64.2	68.1	70.5	73.0	73.5	74.2	74.6		73.6	75.9	76.1	76.9	77.0	77.8	79.7
≥ 4500 ≥ 4000	37.7			72.4	75.2	75.6	76.4		1	76.3 77.8 78.0	78.2		79.2	79.3	78 • 6 80 • 1	82.0
≥ 3500 ≥ 3000	37.9	67.5	71.5	74.0		77.2	76.7 78.0 79.3	78.4	78.5	79.3	79.8	80.0	80.8	80.8		83.6
≥ 2500 ≥ 2000	39.3	69.8	73.9	76.4	79.3	79.7	80.6	81.1	81.2	82.0	82.5	82.6	82 · 1 83 · 5	83.5	84.4	86.3
≥ 1800 ≥ 1500	39.4 40.1	70.4	76.1	78.6	81.5	82 . 0	82.9	83.4	83.5	84.4	84.8	85.0	85.8			88.6
≥ 1200 ≥ 1000	40.9	72.5	78.2	80.8	84.0	84.4	85.6	86.1	86.3	87.2			88.7	88.8	89.6	91.5
≥ 900 ≥ 800	41.1		79.9	82.8	86.0	86.6	87.9		88.6		90.2	90.4	91.3	91.4	92.2	94.1
≥ 700 ≥ 600	41.5		81.1	84.1	87.5	88.3	89.7	90.3	90.5	91.6	91.0 92.1 93.2	92.3	93.2	93.3	94.1	96.0
≥ 500 ≥ 400	41.5	76.1	81.6	85.0	88.5	89.4	91.2	92.0	92.3	93.4	93.9	94.1	95.0	95.1	96.0	97.9
≥ 300 ≥ 200	41.5	76.1	81.0	85.0	88.6	89.5	91.4	92.4	92.8	93.9	94.5	94.7	95.7	95.8	96.8	98.9
≥ 100	41.5														97.0	1

TOTAL NUMBER OF OBSERVATIONS_

<u> 2454</u>

USAF ETAC OLAS OLAS (OLA) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBII	ITY (STATU	TE MILES;							
(FEET)	≥ 10	≥ 6	≥ 5	≥.4	≥ 3	≥ 21/3	≥ 2	≥11%	≥ 11/4	≥ 1	≥ ¼	≥ %	≥ %	≥ 5/16	≥ .•	≥ 0
NO CEILING ≥ 20000	36.3 41.2	54.4 61.7	55.6 63.0		56.4 64.0	- ' '				-	56.7	56.7	-	56.7	56.7	56.7
≥ 18000 ≥ 16000	41.2	61.8		63.7	64.2		64.2		64.2	64.3	64.5	64.5	64.5	64.3	64.5	64.3
≥ 14000 ≥ 12000	42.0 43.5		66.7	67.3	65.3 67.7	65.4	67.8	67.9	65.5		65.6	68.0	65.6	65.6	65.6 68.0	65.6
≥ 10000 ≥ 7000	44.4	67.5 68.2	68.8		70.6	69.9 70.7	70.0	70.8	70.0 70.8			70·1 70·9	70.9	70 · 1 70 · 9	70 · 1 70 · 9	70 · 1 70 · 9
≥ 8000 ≥ 7000	45.3	72.1	71.2	71.9	72.4	72.5	72.6	72.7	72.7 75.2	72.7 75.2	72.7 75.2	72.7 75.2	75.2	72.7	72.7 75.2	72.7 75.2
≥ 6000 ≥ 5000	46.8	73.2	74.6 75.8	76.8	77.5	76 • 1 77 • 6	76.3	75,4 77.8	76.4 77.8	76.4	76.4	70.4 77.9	76.4	76.4	76.4	76.4 77.9
≥ 4500 ≥ 4000	47.5	76.4	76.2	78.9	77.9	78.0 79.8	79.9	78.2 80.0	78.2 80.0		80.1	78.3 80.1	78.3 80.1	78.3 8C.1	78.3 80.1	80.1
≥ 3500 ≥ 3000	48.9 50.4	79.5	78.8 81.0	79.9 82.1	82.9	80 • 7 83 • 1	80.9	80.9	80.9 83.3	83.4	83.4	83.4	81.0	81.0 83.4	81.0	83.4
≥ 2500 ≥ 2000	51.0 51.7	80.9	82.4	84.9	84.3	84 . 6 86 . 1	86.3		84.8	84.9		86.5	84.9 86.5	84.9 86.5		86.5
≥ 1800 ≥ 1500	51.8 52.5	82.5	84.2	87.2	86.2	88 • 5	88.7	86.8	86.8		86.9	86.9	86.9 88.9	88.9	86.9	86.9
≥ 1200 ≥ 1000	54.0	86.3 88.7 89.2	88.1 90.7 91.2		90.8	91 • 2 94 • 0	, -,	94.5	94.5		94.6	94.6		91.7	94.6	91.7
≥ 900	54.3	90.1	92.2	94.2	95.8	96.2	96.6	96.8		96.8	95.4			95.5	95.5	95.5
≥ 700 ≥ 600	54.5	91.1	93.2	95.4	97.1	97.5	98.0	98.2		58.3	98.3	97.5 98.3	97.6	97.6 98.3	97.6	97.6 98.3
≥ 500 ≥ 400	54.5	91.4	93.6	96.1	97.9	98.4	99.0	99.4	99.4	99.7	99.7		99.4 99.7	99.4	99.4 99.7	99.7
≥ 200	54.5	91.4	93.6	96.2	97.9		99.0		99.5	99.8	99.8	99.9	99.9	99.9	100.0	99.9
≥ 100 ≥ 0	54.5			96.2	. ,	98.5					99.8			97.9	100 • 0	00.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53362-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
VO CEILING ≥ 20000	40.6 46.3	55.7 64.4	56.0	56.0	56.2 65.0	56.2 65.0	65.0	65.0	56.2 65.0		56.2 65.0	56.2 65.0		56.2 65.0		56.2 65.0
≥ 18000 ≥ 16000	46.7	65.1	65.4	65.2	65.6	65.6	65.6	65.3	65.6	65.6	65.6	65.6	65.3	65.6	65.3	65.6
≥ 14000 ≥ 12000	47.7	65.9	69.1	66.3	69.4	69.4	69.4	66.4	69.4	69.4	69.4	69.4	56.4 69.4	66.4	66.4	69.4
≥ 10000 ≥ 9000	50.6 50.8	70.5	70.9	71.5	71.2 71.6	71.7	71.2	71.7	71.2	71.2	71.7	71.2 71.7	71.2	71.2 71.7	71.2 71.7	71.2 71.7
≥ 8000 ≥ 7000	51.6 52.7	72.9	73.3 75.2	75.4	73.7	73.7	75.7	73.7	73.7	73.7	73.7 75.7	73.7	73.7	73.7	73.7	73.7
≥ 6000 ≥ 5000	53.2 54.0	76.0	78.0	78.2	76.9	77.0	77.0	77.0 78.5	77.0	77.0	77.0 78.5	77.0 78.5	77.0	77.0	77.0 78.5	77.0
≥ 4500 ≥ 4000	54.3 55.0	79.6	80.1	80.4	80.7	80.8	80.8	80.8	80 · 8	80.8	80.8	80.8	79.1 80.8	79 • 1 80 • 8	79 · 1 80 · 8	79.1 80.8
≥ 3500 ≥ 3000	55.9 57.1 58.7	83.4	84.2	84.6	82 · 2 54 · 8	84.9	82.3	82.3	84.9		82.3	84.9	82.3	82.3	82.3	82.3
≥ 2500 ≥ 2000	59.9	89.0 89.7	90.0	90.4 90.4	90.7	90.8	90.8 91.5	88 • 1 90 • 8 91 • 5	90 · 8		88.1 90.8	90.8 91.6	88 • 1 90 • 8	88 • 1 90 • 8 91 • 6	90.8	90.8 91.6
≥ 1800 ≥ 1500 ≥ 1200	61.2	91.7	92.8	93.3	93.6	93.7	93.9	93.9	93.9	91.6 93.9 95.7	93.9	93.9	93.9	93.9	91.6	93.9
≥ 1000	61.7	94.6	95.7	96.4	96.9	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900 ≥ 800 ≥ 700	62.0	95.2	96.4	97.3	98.1	98.4	98.6	98.7	98.7	99.0	4	99.0	99.0	99.0	99.0	99.0
≥ 600	62.0	95.5	96.8	97.7	98.6	98.9	99.1	99.2	99.2	99.5		99.5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400 ≥ 300	62.0		96.9	98.0		99.3		99.6	99.7	100.0	100 • 0 100 • 0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.0		1 1	98.0	98.9	99.3		99.6	99.7	100.0	100.0	100.0	100-0	100.0	100.0	100.0
≥ 0	62.0								99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2447

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATUI	'E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/9	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 16	≥ '5	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.0 51.1	58.9 68.5	59.1 68.6		59.4 69.0	59.4 69.0	69.0	59.4 69.0	59.4 69.0	59.4 34.0	59.4 69.0	59.4 69.0	69.0	59.4 69.0	59.4 69.0	
≥ 18000 ≥ 16000	51.4 51.7	68.8	69.0	69.1 69.4	69.3	69.6	-	69.3	69.6	69.6	69.6	69.6	69.6	69.3	69.6	69.6
≥ 14000 ≥ 12000	52.5 54.2	72.2	70.1 72.4	70.2	70.4	70.4	70.4 72.8	70.4 72.8	70.4	70.4	70.4	70.4		70.4	70.4	70.4
≥ 10000 ≥ 9000	55.6	75.1	74.8	75.5	75.2	75.7	75.7	75.2 75.7	75.2 75.7	75.2 75.7	75.7	75.7	75.2 75.7	75.2 75.7	75.2 75.7	75.7
≥ 8000 ≥ 7000	57.6 58.4 58.9	78.1	78.3	79.9	78.8 80.2	78.8	78.8 80.2 81.2	76.8	78.8 80.2	78.8 80.2	80.2	78 · 8 80 · 2	80.2		78 · 8 80 · 2	
≥ 6000 ≥ 5000	59.5	82.0 82.7	80.7 82.4	80.9	81.2	81.2	81.2 82.8	81 • 2 82 • 8	81.2 82.8 83.5	81.2 82.8	81.2 82.8	81.2 82.8		_ I I	81 · 2 82 · 8 83 · 5	2.8
≥ 4500 ≥ 4000	60.6	84,6	85.0	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	1 2 2	85.6	85.6	85.6
≥ 3500 ≥ 3000	62.5	87.9	88.4	88.7	89.1	89.1	89.2	89.3	89.3 92.2		89.3	89.3	89.3	89.3	92.2	89.3
≥ 2500 ≥ 2000 ≥ 1800	64.8	92.2	92.8	93.2	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800 ≥ 1500 ≥ 1200	65.2	93.5	94.1	94.5	95.1	95.1	35.2 96.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3 96.6
≥ 1000	65.5	95.0	95.9	96.6	97.3	97.4	97.6	97.7	97.7	97.8 97.9	97.8	97.8	97.8	97.8 97.9	97.9	97.8
≥ 800	65.6	95.3 95.4	96.2	96.9	97 · 8	98.3	98.3	98.4 98.8	98.4	98.4 98.8	98.4	98.4	98.4	98 • 4 98 • 8	98.4	98.4
≥ 600	65.6	95.7	96.6	97.5	98·4 98·5	98.7	99.1	-	99.2	99.3	99.3	99.3		99.3	99.3	99.3
≥ 400	65.6	95.7	96.7	97.5	98.6	98.9	99.4	99.5		99.8	99.8	99.8		99.9 100.0		
≥ 200	65.6		96.7			98.9			99.5		99.8	99.8	100.0	100 • 0 100 • 0	100.0	100.0
≥ 0	65.6	95.7	96.7	97.5	98.6	98.9	99.4	49.5	99.5	99.8	99.8	99.8	100.0	100 • 0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS, _

USAF ETAC FORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS LIGHT ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILINIG							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.9		, .		63.7	63·7 72·1	72.3	72.3	63.9 72.3	72.3	63.9 72.3	63.9 72.3	63.9 72.3	72.3	72.3	72.3
≥ 18000 ≥ 16000	47.6 47.7	70.3 70.5	71.4 71.5	71.7	72.3	72.3		72.4	72.4	72.6	72.5	72.5	72.5	72.6	72.5	72.5
≥ 14000 ≥ 12000	48.3	71.2	72.3	72.6		73 • 2 75 • 2	73.3	73.3	73.3			73.3 75.3	73.4	73.4 75.4 77.9	73.4	73.4 75.4 77.9
≥ 10000 ≥ 9000	51.0 51.5	76.3	77.4	77.1 77.8		77.7	77.8	77.3	77.8	77.8 78.6	77.8 78.6	77.8	77.9 78.6	44.	78.6 80.6	78.6
≥ 80C0 ≥ 7000	52.4 53.4	79.6	80.8	81.2	80.3 82.0	80.4 82.1	82.2	80.5 82.2 83.5	80.5 82.2 83.5	82.2	82.2	80.5 82.2 83.5	82.3	82.3	82.3	82.3
	55.1	83.0	84.2		85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9		85.9
≥ 4500 ≥ 4000	55.9	85.2	86.5	87.1	87.9	88.0	88.2	88.2	88.2	88.2	88.2	68.2 89.2	88.3	88.3	88.3	88.3
≥ 3500 ≥ 3000	57.4	88.1	89.4	89.9	90.9	91.0	91.2	91.2	91.2	=	91.2	91.2		91.3	91.3	91.3 93.2
≥ 2500 ≥ 2000 ≥ 1800	58.8	90.7	92.2	92.9	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.8	94.4	94.4	94.4	94.4
≥ 1500	59.1	91.7	93.3	94.0	95.1	95 . 4		95.6	97.0	97.1	97.1	97.1	97.2		97.2	97.2
≥ 1000	59.4 59.4			95.6	97.0	97.4	97.8	:		97.9	97.9	97.7			98.0	98.0
≥ 800	59.4		95.4	96.1	97.6	98 • 1	98.6		98.4	98.8	98.8				99.0	99.0
≥ 600	59.5	93.5	95.5	96.3	98.0	98.5	99.1	99.1	99.2	99.4	99.4	99.4	99.5	-		
≥ 400	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.7	99.7	99.6	99.9	99.9	99.9	99.9
≥ 200	59.5	93.6	95.6	96.4	98.0	98.5	99.2	99.3	99.3	99.7	99.7	99.7	99.9	99.9	100.0	99.9 100.0
≤ 0	59.5	93.6	95.6	96.4	\$8.0	98 • 5	44.5	99.3	77.3	77.7	77.7	79.7	97.9	77.9	Y00 • 0	100.0

TOTAL NUMBER OF OBSERVATIONS_____

USAF ETAC JULY 4 0-14-5 (OL A) PREVIOUS EPITIONS OF THIS FORM ARE OPERIOR

CEILING VERSUS VISIBILITY

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FURT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	ITY ISTATUT	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.3	65.6	66.5	67.3	74.3	68 • 2 74 • 4		68.8 75.1	68.8 75.1	69.0 75.2	69.1 75.3	69.1 75.3	69.5 75.7	69.5	75.7	75.8
≥ 18000 ≥ 16000	45.3 45.4	71.4	72.6	73.7	74.4	74.5	75.1 75.2	75.2 75.4	75.2	75.3 75.5	75.6	75.4 75.6	75.8 76.0	75.8	75.8	75.9 76.1
≥ 14000 ≥ 12000	46.1 47.0	72.5	73.7	74.6	75.5	75.6	76.1	76.2	76.2	76.4	76.9	76.5	76.9	76.9	76.9	77.0 78.4
≥ 10000 ≥ 9000	47.6 48.0	75.7 76.3		78.5	78.7	78 • 8 79 • 5	79.3 80.1	80.3	79.5 80.3	79.6	80.5	79.7 80.5	80.9	80.9 83.0	80.1 80.9	81.0
≥ 8000 ≥ 7000	49.0 49.8	79.7	79.5 81.1	82.2	83.2	81.6	83.9	82.4	84.1	84.2	82.6 84.3	82.6	83.0 84.7	84.7	84.7	84.8
≥ 6000 ≥ 5000	50.2	81.5	83.0	84.4	85.5	84 • 5		85 • 2 86 • 3	85.2 86.3	85.4 86.5 87.0	86.5	85.4 86.5	87.0	87.0	87.0	87.0
≥ 4500 ≥ 4000	50.7		84.9	86.4	87.5	86 • 1		86.8	88.3	88.5	88.6	88.6	89.0		89.0	89.1
≥ 3500 ≥ 3000	52.2	84.1 85.2 86.4		87.2 88.5	89.8	88 • 5 89 • 9 91 • 4	90.5	90.7	90.7	90.8	90.9	90.9	91.3	91.3	91.3	91.4
≥ 2500 ≥ 2000	52.6 53.0	1 1 1 1	89.4		92.7	92.9	93.5	93.7	93.7	93.9	94.0			94.4	94.4	94.5
≥ 1800 ≥ 1500	53.3			92.5	94.0	94 • 1	94.8	95.0	95.0		95.2	95.2		95.7	95.7	95.7
≥ 1200 ≥ 1000	53.5	89.9		94.0	1 A 1 Y	95.7	96.4	96.7	96.7	96.9	97.0	97.0	97.4	97.4	97.4	97.5
≥ 900 ≥ 800	53.5	90.3	92.1	94.4	96.1	96 • 3	97.1	97.4	97.4	97.6	97.8			98.2	98 • 2	98.3
≥ 700 ≥ 600	53.6	90.6		94.8	96.7	96.9	97.9	98.2	98.4	98.5	98.6	98.6		1	99.2	99.3
≥ 500 ≥ 400	53.6	90.7	92.	95.0	96.8	97 • 2	98.2	98.5	98.5	98.8					99.3	99.6
≥ 300 ≥ 200	53.6	90.7	92.	95.0	96.9	97.2	98.3	98.6					1	99.7		99.9
≥ 100 ≥ 0	53.6	1 - 7	1		1 1 7 1	97 • 2	1		98.6	99.1	99.3	99.3	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ⅓	≥ 0
NO CEILING ≥ 20000	46.1 49.4	65.7 70.0	67.1	68.1 72.7	73.8	69·2 73·9	74.3	69.8	69.8	70.4 75.2	70.7 75.5	70.7 75.5	71.3 76.1	71.4 76.2	71.7 76.5	72·1 77·0
≥ 18000 ≥ 16000	49.4	70.0 70.1	71.6	72.7	73.8 73.9	73.9	74.4	74.5	74.5	75.2 75.3	75.5 75.6	75.6 75.6	76.1 76.2	76.3 76.3	76.6 76.6	77.0 77.1
≥ 14000 ≥ 12000	49.8 50.5	70.5	72 · 1 73 · 1	73.2	74.3	74.4	75.9	75.0 76.1	75.0	76.8	70.0	76.1 77.1	77.7	77.8	77.1	78.5
≥ 10000 ≥ 9000	51.3 51.5	73.5	75.0	76.1	77.3	77.5	77.9	78.1	77.8 78.1	78.5	78.8	79.1	79.7	79.8	79.8 80.1	80.5
≥ 8000 ≥ 7000	52.3 52.9	75.5 76.6	77.1 78.3	78.3	80.7	80.8	81.3	80.2	81.5	82.2	82.5	81.2	81.8	81.9	82.2	82.6 84.0
≥ 6000 ≥ 5000	53.3 53.8	77.7	81.2	82.5	83.7	82.2	84.4	82.8	84.6	85.3	83.9	85.7	86.2	86.4	84.9	87.1
≥ 4500 ≥ 4000	54.1 54.3	80.7	81.8	84.2	85.5	84 • 5 85 • 6	84.9	85.1	86.3	87.0	86.2	87.4	88.0	87.0 88.1	57 · 2 58 · 4	88.8
≥ 500 ≥ 3000	54.4 54.8	82.4	83.4	84.8	87.3	86 • 2 87 • 5	86.7 88.0	86.9	86.9	87.7 89.0	88.0	89.3	88,6 89.9	90.0	90.3	90.7
≥ 2500 ≥ 2000	55.4 55.9	83.7 84.9	86.0 87.4	87.4	90.2	90.3	90.9	89.7 91.1	89.7 91.1	92.0	90.8	90.9	91.4	91·6 93·0	93.9	92·3 93·7
≥ 1800 ≥ 1500	56.2 56.5	85.5	88.0		90.8	91.6 91.6	91.5	91.7 92.4	91.7	92.6 93.3	92.9	92.9	93.5 94.2	93.6	93.9 94.6	94.4 95.1
≥ 1200 ≥ 1000	56.8 57.0	86.7 87.4	89.3	1 1 - 1	92.2	92.4	92.9	93·1 94·0	93·1 94·0	94.1 95.0	94.4	94.4	95.0 95.9	95 • 1 96 • 1	95.4 96.4	95.8 96.8
≥ 900 ≥ 800	57.0 57.0	87.5 87.7	90.3	92.2	93.4	93.6	94.6	94.4	94.4	95.4 95.8	95.7 96.1	95.7	96.3 96.7	96.5	96 • 7 97 • 2	97.2 97.7
≥ 700 ≥ 600	57.0 57.0	88.0			94.1	94.6		95.6 96.0	95.6	96.7	96.9 97.4	97.5	97.6 98.0	98.2	98 • 0 98 • 5	98.9
≥ 500 ≥ 400	57.0 57.0	88.0		92.8	94.5	94.6	95.9	96 • 1 96 • 2	96.1	97.3	97.6 97.6	97.6	98.2	98.4	98 • 6 98 • 7	99.1
≥ 300 ≥ 200	57.0 57.0			92.8	94.5	94.7	96.0	96.3	96.3	97.4	97.7 97.8	97.8	98.4	98.5	98.9	99.2
≥ 100 ≥ 0	57.0 57.0				1 - 1 1-1		96.0					97.8 97.8	98.4 98.6	98.6		99.5 100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISIBIL	ITY (STATU	TE MILES)						-	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.5 42.4	40.9 63.7	61.9	63.2 66.3	65.0		69.3	66.3	66.4		67.4	67.5		72.0	69.2	70.4
≥ 18000 ≥ 16000	42.4	63.7 63.7	64.9	66.3	68.2 68.2	68.4	69.3	69.6	69.7	70.6	70.9	71.0	72.0	72.0	72.8	74.1 74.1
≥ 14000 ≥ 12000	43.0 43.8	65.5	65.5	68.1	70.0	70.2	69.9 71.1	70.2	70·3	71.3	71.6	71.7 72.8	72.7	72.7	73.5	74.9 76.0
≥ 10000 ≥ 9000	45.4	68.6	69.2	70.6	72.7	72.8 73.6	73.7 74.5	74.8	74.1 74.9	75.1 75.8	75.4	75.5 76.2	76.5 77.2	76.5	77.3 78.0	78.7 79.4
≥ 8000 ≥ 7000	46.9	70.3		73.1	75.3	75.4 76.9	76.3	76.6	76.7 78.3	77.7 79.2	78.0	78.1 79.6	79.1 80.7	79.1	79.9 81.4	51.3 82.8
≥ 6000 ≥ 5000	47.8	73.0	75.9	76.2	78.5	78.7 79.8	79.7 80.9	80.0	80.1 81.3	81.1 82.3	81.4 82.6	81.5 82.7	82.6 83.7	82.6 83.7	83.3 84.5	84.7 85.9
≥ 4500 ≥ 4000	48.2	74.6		78.6	80.9	80.2	81.3	81.6 82.4	81.7	82.7 83.6	83.9	84.0	84 • 1 85 • 0	84.1 85.0	84.9	86.3 87.2
≥ 3500 ≥ 3000	48.7	75.9 76.9	77.7	79.2 80.4	82.6	81.7	82.7	83.0 84.3	84.4	84.2 85.5	84.5 85.8	84.6	85.6 86.9	85.6	86.4 87.7	87.8
≥ 2500 ≥ 2000	50.5	78.9	79.8 81.1	81.3 82.7	83.6	83.8	84.9	85.3 86.7	85.4	86.5 87.9	86.8 88.2	86.9	87.9 89.4	87.9 89.4	88.7 90.1	90·1 91·5
≥ 1800 ≥ 1500	50.6	79.2 80.3		84.2	86.5	86.7	86.7	87.1 88.4	87.2 88.5	89.6	88.6	88.7 90.0	89.7 91.0	89.7 91.0	90.5 91.8	91.9 93.2
≥ 1200 ≥ 1000	51.3	81.4	83.7	86.0	88.3	88.5	89.1	90.2	90.3	90.8	91.1	91.2 91.9	92.3	92·3 92·9	93.0	94.4
≥ 900 ≥ 800	51.4	82.6		86.4	89.4	89.0 89.6	90.3	90.9	91.6	92.1	92.4	92.5 93.2	93.6	93.6	94.3 95.1	95.7 96.5
≥ 700 ≥ 600	51.4 51.4	82.8	85.4	87.4	89.8 90.2	90.4	92.0	92.5	92·1 92·6	93.8	93.6	93.7	94.8	94.8	95.5 96.1	96.9 97.4
≥ 500 ≥ 400	51.4	83.0		87.8	90.5	90.7 91.0	92.4	93.0	93.1	94.3	94.6	94.7	95.8 96.1	95.8 96.1	96.6	98.0 98.3
≥ 300 ≥ 200	51.4	83.1	85.7	87.9	90.9	91.1	92.9	93.5	93.6 93.6	94.8	95.1 95.3	95.2 95.4	96.3 96.6	96.3	97.1	- 1
≥ 100 ≥ 0	51.4	83.1	85.7 85.7	87.9 87.9	90.9		93.0	93.6	93.6 93.6	94.9	95.3 95.3	95.4 95.4	96.6	96.6 96.7	97.4	98.9

TOTAL NUMBER OF OBSERVATIONS

2235

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATUT	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	29.5		50.7	52.3 58.5	53.7	54.0	54.8		55.2	55.9 62.5	56.4	56.5	57.5 64.0	ا د م	58.3	67.2
≥ 18000 ≥ 16000	33.0 33.0		57.0 57.0	58.6 58.6	60.1	60.4	61.3		61.7	62.5	63.0	63.1	64.1 64.1	64 • 1 64 • 1	64.9	67.3 67.3
≥ 14000 ≥ 12000	33.2	54.5 56.1	57.3 58.9	59.0 60.6	. • • •	62.4			62.1 63.7	62.9 64.6	63.4 65.0	63.5	64.5	64.5	67.0	69.3
≥ 10000 ≥ 9000	35.9 36.3	58.6 59.3	61.5	63.9	65.4	65 • 1 65 • 7	66.7	67.0	67.1	67.3 68.0	67.7	67.9 68.6	69.5	69.5	70.4	72·1 72·7
≥ 8000 ≥ 7000	37.3 37.9	63.2	64.1			67.9 70.4	71.4	71.7	69.3 71.8	70.2	70.7 73.2	70.9	71.8	71.8	72.7	75.0
≥ 6000 ≥ 5000	39.0 39.6	66.8	70-1	72.5	72.4	72.7			74.1 76.0	75.0 76.9		75.7 77.5	78.5	78.5	77.6	79.9
≥ 4500 ≥ 4000	39.8 40.1	68.1	70.3	74.0		74.9	77.4	77.8	76.5 77.9		79.4	78.1 79.6			80.0 81.5	82.3 83.8 84.2
≥ 3500 ≥ 3000	40.2	69.3		75.2	76.3	76.6	78.7	79.1	78.4	79.4 80.2		80.9	81.6	81.8	81.9 82.8	85.1
≥ 2500 ≥ 2000	41.8	72.5		78.7	80.8		80.2 82.4	82.8	82.9		84.4	84.6		85.6	86.5	88.8
≥ 1800 ≥ 1500	42.3		76.7		1	83.4	84.7	85.2 86.6	85.2	86.3	86.8	87.0 88.4		87.9	88.8	91.2
≥ 1200 ≥ 1000	42.8	75.8 75.1	80.0	83.0	85.3	85.8	87.2	87.7	87.8	89.0	89.4	89.6	90.6	90.6	91.5	93.8
≥ 900 ≥ 800	42.9	76.4	80.7	84.0	86.6	87.1	88.7	89.2	89.3	90.5	91.0	91.2 91.8	92.1	92.1	93.0	i
≥ 700 ≥ 600	43.0	76.7	81.2	84.7	87.4	88.0	90.0	90.5		92.0	92.5	92.7		93.7	94.6	96.9
≥ 500 ≥ 400	43.1			85.4	88.3	89.0	91.3	91.9	92.0	93.5	94.0	94.3	95.3	95.3	96.2	98.7
≥ 300 ≥ 200	43.1	77.0	81.9	85.5	88.4	89.1	91.4	92.0	92.2	93.8		94.6	95.7	95.7	96.7	99.2
≥ 100 ≥ 0		77.0									94.4					

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

DCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS(LST)

CEILING							VISIBIL	ITY (STATUI	E MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥1¼	≥ 1	≥ ¾	≥ ¾	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.6 42.3	55 • 2 64 • 0	56.1 65.1	56.8 66.0	57.3 66.6	57.5 66.7	57.5 66.7	57.5 66.8	57.5 66.8	57.6 66.8	57.6 66.8	57.6 66.8	66.9	66.9	57.7	
≥ 18000 ≥ 16000	42.4	64.2	65.2	66.2	66.8	66.8	66.8	67.0	67.0		67.0	67.0 67.1	67.2		67.0	67.0
≥ 14000 ≥ 12000	44.5	67.0	66.4	69.2	67.9	68.0	69.9	70.0	70.0	70.0	68.2 70.0	70.0		70-1	68.3 70.1	70.1
≥ 10000 ≥ 9000	45.9	69.5	70.7		72.3	72.7	72.5	72.9	72.9		72.7	72.7		72.8	72.8	72.8
≥ 8000 ≥ 7000	47.4 47.9	71.9	73.2	74.2	74.8 76.3	74.9	75.0 76.5	75.1 76.6	75.1 76.6		75.2	75.2	75.3 76.8	75.3 76.8 78.8	76.8 78.8	75.3 76.8 78.8
≥ 6000 ≥ 5000	49.6	75.1 76.2 76.5	76 · 4 77 · 6 78 · 0		79.6	78.4	78.5 79.8 80.2	78.6 79.9	78.6	80.0	78.7 80.0	78.7 80.0		80.1	80.5	80.5
≥ 4500 ≥ 4000	50.4	77.4		80.3	80.0 81.2	81.3 82.1	81.4	81.6	81.6 82.4	81.7	81.7	81.7	81.8	81.8	- = -	81.8
≥ 3500	51.6	79.4	80.9	82.3	83.2	83.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500 ≥ 2000	53.2	83.0	84.8		87.1	87.3	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800 ≥ 1500 ≥ 1200	54.3	85.5	87.5	89.1	90.1	90.3	90.4	90.6	90.6	4 " " ."	90.8	90.8	90.9	90.9	9c.9	90.9
≥ 1200 ≥ 1000 ≥ 900	55.1	87.7	90.1	92.9	93.3	93.6		94.9	94.9	1	94.2	94.2	94.3	94.3	·	94.3
≥ 800	55·2	88.9	91.6	94.1	95.4	95.8	96.1	96.5	96.5	96.7	96.7	96.7	96.8	96.8		
≥ 600	55·2	89.3	92.3	95.0	96.7	97.7	97.7	98.1	98.1 98.7	98.4	98.4	98.4	98.5	98.5	98 • 5 99 • 2	98.5
≥ 400	55·2	89.3	92.4	95.3	97·2	98.0	98.5 98.5	99.1	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8
≥ 200	55·2	89.3		1 1 1	97.2	98 · 0		99.1	99.1	99.5	99.6	99.7	99.8	99.8		100.0
≥ 0	55.2	89.3	92.4	95.3	97.2	98•0	98.5	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2503

USAFETAC JULIA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

UCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING		, , ,					VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 1%	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.3 52.1	59.5 67.9		60.0		68.5	60 · 0	68.5		68.5	68.5	68.5	68.5		68.5	68.5
≥ 18000 ≥ 16000	52.2 52.3	68.2	68.5	68.5 68.7	68.5	68.5 68.7	68.7	68.7	68.7	68.7		68.5 68.7	68.7	68.7	68.7	68.5
≥ 14000 ≥ 12000	52.9 54.1	70.7	69.1 71.0	69.3 71.2	71.2	69 · 4 71 · 2	71.2	71.2	69.4 71.2	69.4 71.2		69.4 71.2	71.2	71.2		69.4 71.2
≥ 10000 ≥ 9000	55.3 55.6		73.1 73.5	73.3	73.7	73.3	73.7	73.3	73.3	73.7	73.7	73.3	73.7	73.3	73.3	73.7
≥ 8000 ≥ 7000	56.8 57.5	77.2	77.6	76.2	76.2	76.2	76.2	76.2	76.2	76.3 77.9 79.5	76.3 77.9 79.5	76.3 77.9	76.3 77.9	77.9	76.3 77.9 79.5	76.3 77.9 79.5
≥ 6000 ≥ 5000	58.5 59.5		813.7	81.1	81.2	81.9	81.2 81.9	79.4 81.2	81.2	81.2	81.2		81.2	81.2	81.2	81.2
≥ 4500 ≥ 4000	60.5		81.4 82.8	81.8	83.4	83.4	83.4	83.4	81.9 83.4	83.5	83.5		83.5	83.5	82.0 83.5	83.5
≥ 3500 ≥ 3000	62.2	84.8	85.5	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3		86.3	86.3
≥ 2500 ≥ 2000 ≥ 1800	64.4	89.0	89.8	90.3	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	1 • !	90.8	90.8
≥ 1500	64.8		92.1	92.9	93.1	93.1	93.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	65.2	92.8	94.3	95.4	95.8	96.9	96.2	96.2	96.2	96.2		96.2	96.2		96.2	96.2
≥ 800	65.2		95.1	96.6	97.8	97.4	97.8	97.8	97.8	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	65.3	93.9			98 · 2 98 · 4	98 • 6	99.1	99.2	99.2	99.8	99.8			99.8		_
≥ 400	65.3	94.0	95.7	97.5	98.4	98.9	99.5	99.6	99.6	99.9	100.0	100 • 0	100.0	100.0	100.0	100.0
≥ 200	65.3	94.0	95.7	97.5 97.5	- '	98.9 98.9				99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	65.3			97.5	- '		99.5			99.9	100.0	100 • 0	100.0	100 • 0	100 • 0	10

TOTAL NUMBER OF OBSERVATIONS 250

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBII	LITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥1%	≥1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.5 55.8	70.7			61.1	61.1 71.2	61.1		61.1	61.1		61.1 71.2	61.1 71.2		61.1 71.2	
≥ 18000 ≥ 16000	55.9 56.0		71.1 71.1	71.3 71.3	71.3 71.4	71.3			71.3	71.3 71.4	71.3 71.4	71.3	71.3	71.3 71.4	71.4	71.4
≥ 14000 ≥ 12000	56.5 57.6		71.8	72.0 73.6	72.1	72.1	72.1	72.1 73.7	72.1 73.7	72.1	72.1 73.7	72.1	72.1		72.1	72.1 73.7
≥ 10000 ≥ 9000	59.3	75.7	75.9	76.4	76.2 76.5	76 • 2 76 • 5	76.2	76.2 76.5	76.2 76.5	76.5	76.5	76.2 76.5	76.2	76.5	76.5	76.5
≥ 8000 ≥ 7000	61.1	78.9 80.3			79.4	79 · 4 80 · 8	79.4 80.8	79.4 80.8	79.4 80.8	80.8	80.8	79.4				
≥ 6000 ≥ 5000	63.9	83.2	82.0 83.5	82.2 83.8	82.3	82.3	82.3 83.9	83.9	82.3			82.3	82.3	83.9	82·3 83·9	82.3
≥ 4500 ≥ 4000	65.3		84.1	84.4	86.2	84.4	84.5	86.3	86.3	86.3	86.3	86.3	84.5	86.3	86.3	86.3
≥ 3500 ≥ 3000	65.7 66.9	86.3 88.1	86.7	87.4	87.5	87.5	87.5	87.5	87.5	89.4	89.4	87.6 89.4	87.6	87.6 89.4	87.6	87.6
≥ 2500 ≥ 2000	67.5 67.7	90.8	90.3		91·0 92·4	91·0 92·4	91.0	91.0	91.0				91·1 92·6	91 • 1 92 • 6	6.	
≥ 1800 ≥ 1500	68.3	91.2	92.0	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200 ≥ 1000	68.5	93.3	94.5	95.5	95.7	96.6	95.9		95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900 ≥ 200	68.7 68.7	94.1	95.6 95.9	97.0 97.5	97·4 98·0	97 • 4 98 • 0		98.4	97.6 98.4	98.5	97 • 7 98 • 5	98.5	97.7	97.7	97.7	97.7
≥ 700 ≥ 600	68.7	94.4	96.1	97.6	98·2 98·4	98 • 2 98 • 4	98.7 99.0	99.0	98 • 8 99 • 1	98.8 99.3		99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	68.7 68.7	94.5 94.5	96 · 2	98.0	98.7	98 • 8 98 • 8	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100 • 0	100.0	100.0
≥ 300 ≥ 200	68.7 68.7	94.5	96.2	98.0	98.7	98 • 8 98 • 8	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100 • 0 100 • 0	100.0	100.0
≥ 100 ≥ 0	68.7				98.7 98.7		99.5				99.9	99.9	100 • 0 100 • 0	100 • 0 100 • 0	100 • 0 100 • 0	100 • 0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 108M 0-14-5 (OLA) MEVIOUS ECTIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FURT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/2	≥1¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	47.0 52.7		66.7	67.1 75.2	75.5	67.4 75.5	67.4 75.5	67.4 75.5	67.4 75.5	67.4 75.5	67.4 75.5	67.4 75.5	7° " W	67.4 75.5	67.4 75.5	75.5
≥ 18000 ≥ 16000	52.8 53.0	74.3	75.1 75.2	75.5 75.6	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9
≥ 14000 ≥ 12000	53.6 54.6	75.3	76.1		76.9 78.2	76 • 9 78 • 2	76.9	76.9	76.9 78.2	76.9 78.2	76.9	76.9 78.2	78.2	76.9	76.9	76.9
≥ 10000 ≥ 9000	55.5 55.8	78.8	79.6 80.1	80.5	80.8	80.8	80.8	80.3 80.8	80.3	80.8		80.8	80.3			80.8
≥ 8000 ≥ 7000	56.8 57.2	81.4	82.2	83.7	84.0	82.9	82.9 84.0	82.9	82.9	82.9 84.0	84.0	82.9	84.0	84.0	82.9 84.0 85.3	82.9 84.0
≥ 6000 ≥ 5000	57.7 58.5	85.4		87.0	85.3 87.5	85.3	85.3 87.5	85.3	85.3 87.5	87.5	87.5	87.5	85.3 87.5	87.5	87.5	87.5 88.2
≥ 4500 ≥ 4000	59.0 59.2	86.9 87.7	87.3 88.2 89.0	87.8 88.6	89.9	88 • 2 89 • 0		88 • 2 89 • 0	89.0	89.0		88 • 2 89 • 0		88 · 2 89 · 0	88 • 2 89 • 0	
≥ 3500 ≥ 3000	60.0		89.9		90.9	90.9	90.9	90.9	90.9	90.9		90.9	90.9	90.9	0,7 -	90.9
≥ 2500 ≥ 2000	60.5	91.0		93.3	94.0	94.0	94.0		94.0	94.0	7 1	94.0		94.0	94.0	94.0
≥ 1800 ≥ 1500	60.8	92.4	94.1	95.0	95.8 96.7	95.8	95.8	95.8	95.8	95.8	1111	95.8	95.8	95.8	95.8	95.8
≥ 1200 ≥ 1000	51.1 61.1	93.4	95.3	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900· ≥ 800	61.1	93.8	95.8	96.9	98.0	98 • 1	98.1	98 • 1 98 • 7	98 · 1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700 ≥ 600	61.1	94.1	96.0	97.5	98.9	99.0	99.2	99.2	99.2	99.5		99.5	99.6	99.6	99.6	99.6
≥ 500 ≥ 400	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200 ≥ 100	61.1	94.1	96.0	97.5	99.0	99.2	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100 · 0	100.0
≥ 100 ≥ 0	61.1	94.1		97.5	1		99.4								100 • 0	

TOTAL NUMBER OF OBSERVATIONS.

2355

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	UTAT2) YTI.	TE MILES)			·				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.4	66.9 72.8		68.9 75.0	69·3	69.3 75.4	69.7 75.8	69.7 75.8	69.7 75.8	- ·	69.9 76.0	70.0 76.1	70·2 76·3	70·2 76·3	70·2 76·3	70.4 76.5
≥ 18000 ≥ 16000	49.3	72.9	74.5	75.1 75.1	75.4 75.4	75.4 75.4	75.8 75.8	75.8 75.8	75.9 75.9	76.1 76.1	76.1 76.1	76.2 76.2	76.4	76.4	76.4 76.4	76.6 76.6
≥ 14000 ≥ 12000	50.0 50.9	73.8	75.4 76.7	76.0	76.3	76.3 77.6	76.7	76.7	76.8 78.1	77.0 78.3	77.0 78.3	77.0 78.3	77.3 78.6	77.3 78.6	77.3 78.6	77.5
≥ 10000 ≥ 9000	51.5 51.6	76.7	78.8	79.4	79.7	79.7	80.1	80.1	80.2	80.3	80.4	80.4	80.2 80.7	80.7	80.7	80.8
≥ 8000 ≥ 7000	52.1 52.9	78.6 80.1	81.8	80.9 82.6	81.2	82.9	83.3	81.6	83.4	83.6	83.6	83.6	82.1	82.2	82.2	82.3
≥ 6000 ≥ 5000	53.3 54.0	83.3	83.1	86.2	86.6	86.6	84.7 87.0	84.7	87.1	87.3	87.3	87.3	87.6	87.6	87.6	87.7
≥ 4500 ≥ 4000	54.5 54.8	85.1	87.3	88.3	88.8	87.8	89.2	88 • Z 89 • Z	88 · 2 89 · 2	89.4	89.4	88.5	88.7	89.8	88 • 8	88.9
≥ 3500 ≥ 3000	55.3	85.6	88.7	89.7	90.3	90.3	89.8 90.7	90.7	90.7	90.9	90.1	90.1	90.3 91.2	90.4	90·4 91·3	90.5
≥ 2500 ≥ 2000	55.6 55.8	88.4	90.2	92.2	92.8	92.9	92.3	92.3	93.4	92.6	92.6	92.6	93.9	92.9	94.0	93.0
≥ 1800 ≥ 1500	56.2 56.4	89.1 90.1	93.0	94.0	94.7	93.6	95.2	95.2	95.3	94.3	95.5	95.6	95.8	95.9	95.9	94.8
≥ 1200 ≥ 1000	56.5 56.5	90.7 91.1 91.3	93.7	95.2	95.9	96.0	96.4	96 • 0 96 • 5	96.6	96.8	96.9	96.9	96.6	96.6	96.6	96.7
≥ 900 ≥ 800	56.5 56.5	91.5	94.6	95.8	96.6	96 • 7 96 • 7	97.2	97.9	96.9 97.4	97.2 97.8	97.8 97.8	97.9	97.5 98.1	97.6 98.1	97.6 98.1	97.7 98.3
≥ 700 ≥ 600	56.5 56.5	91.7	94.9	96.4	97.4	97.5	97.8 98.4 98.4	98.4	98.5	98.9 98.9	98.9	98.4 99.0	98.6 99.2	98.7 99.2 99.3	98.7	99.4
≥ 500 ≥ 400	56.5	91.7	95.0	96.4	97.5	97.7	98.5	98.6	98.5 98.7 98.8	99.1	99.2	99.3	99.5	99.6	99.3 99.6	99.7
≥ 300 ≥ 200	56.5 56.5	91.7	95.0	96.4	97.5	97.7	98.6 98.6	98.7	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9
≥ 100 ≥ 0	56.5				97.5	97.7		98.7			99.4	99.6	99.8	99.8	,	100.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC TULGE 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILI	NG .							VISIBI	HTY (STATU	TE MILES)							
(FEE	ETį	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ ?	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEI ≥ 20	,	40.8	58.2 62.8	59.5 64.0	: T 1 =	65.4			!	61.4	62.0	62.3	62.3	Z		67.6	63.3
≥ 18: ≥ 160		43.8	62.8	64.0	64.8	65.4	65.5		66.2	66.2	66.6	66.9	66.9	67.4	67.4	67.6 67.6	68.2
≥ 14: ≥ 12:		44.5	64.8	66.0		67.4		68.0	68.1	68.1	68.6	69.0	69.0		68.0 69.4	68.3	70.2
≥ 100 ≥ 90		46.1			68.1		69.6	70.1	69.5 70.2	70.2	70.7	70.3	70.3 71.0	70.7 71.4	70.7	71•Ω 71•7	72.2
	0000 0000	47.7 48.6		71.0	71,7	71.2 72.4	71.3 72.6		71.9	71.9	72.4	72.8 74.0	72.8	73•1 74•4	73 • 1 74 • 4	73.4	73.9 75.2
≥ 60	000 000	49.1	71.2	72.5	73.2	73.9 75.1	74 • 1 75 • 3	74.6 75.8	74.7	74.7 76.0	75.2 76.6	75.5 76.9	75.5 76.9	75.9	75.9 77.3	76.2 77.5	76.7 78.1
	500 000	50.1 50.4	72.8	74.2 75.0	74.9 75.7	75.7 76.5	75.8 76.6	76.3 77.1	76.6	76.6	77.1 77.9	77.4 78.2	77.4 78.2	77.5	77.8 78.6	78.1 78.9	78.6 79.4
	3500 3000	50.9	74.4	76.0 77.4	76.7 78.2	77.6 79.1	77.7 79.3	78.3	78.5 80.0	78.5 80.0	79.0 80.5	79.3 80.9	79.3 80.9	79.7 81.2	79.7 81.2	80.0 81.5	82.0
≥ 2: ≥ 20	500 000	51.8	77.5 80.1	79.2 82.0	80.0	81.0 84.0	84.1	81.6 84.7	81.9	81.9	82.4 85.5	82.7 85.8	82.7	83.1	86.2	83.4 86.5	83.9 87.0
≥ 18	800 500	53.3 54.0	80.7 82.2	82.7	83.7 85.5	86.7	84.9 86.8	87.4	87.6	87.6	86.2 88.2	86.5 88.5	86.5	86.9	86.9	87.2 89.3	87.7 89.8
	200 000	54.6	83.9 85.7	86.2	87.4 89.6	88.7 91.1	88.9 91.2	89.4 91.8	89.7 92.1	89.7 92.1	90 · 2 92 · 7	90.6 93.1	90.6	91.1	91·1 93·6	91.4	91.9
	900 800	55.2 55.2	86.2 86.6	88.6	91.0	91.7	91 • 8 92 • 8	;	92.7 93.7	92.7 93.8	93.3	93.7 94.8	93.7	94,2 95,3	94.2	94.5 95.5	95.0 96.1
	700 600	55·2 55·2	87.0 87.2	90.1	91.7	93.7	93.8	95.4	94.8	94.8 95.8		95.9	95.9	96.4	96.4 97.3	96.6	98.2
	500 400	55.2	87.3 87.3		92.7	94.8		96.1	96.5	96.3	97.5	97.3	97.3 97.9	98.4	97.8 98.4	98 • 1 98 • 7	98.6
	300 200	55.2	87.3	90.3	92.7	95.0	95 • 2	96.2		96.6 96.6	97.6	98.0	98.0 98.0	98.5 98.5	98.5 98.5	98.8	99.4
≥ 1	100 0	55·2 55·2	,	90.3	92.7 92.7	95.0		~ ; = ;	96.5 96.5		97.6 97.6	98.1 98.1	78 • 1 98 • 1	98.6 98.6	1	98.9 98.9	

TOTAL NUMBER OF OBSERVATIONS 2111

USAF ETAC JOEM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 31-52,62-70

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							/ISI81 t	ity (STATUI	E MILES)							
(FEET)	≥ 10	≥ 6	25	≥ 4	≥ 3	≥ 275	≥ 2	≥114	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	37.4	Y				57.5 63.4		1	58.0 64.1	58.5 64.6		58.8 64.9	65.1	65.2		59.9 66.1
≥ 18000 ≥ 16000	41.0 41.1	60.4		62.6	63.2	63.5	64.1	64.2	64.2	64.8		65.0 65.1	65.3	65.4	65.7	66.2
≥ 14000 ≥ 12000	41.5		64.2	65.0		64 • 1 66 • 0		66.6	64.8	67.3	67.5	67.6			66.2	68.7
≥ 10000 ≥ 9000	43.5	64 • 8		67.0		67.4	68.6		68.1 68.7	69.3		69.6		69.8	70.2	70.1
≥ 8000 ≥ 7000	44.9		68.7	69.6		69.7 70.7	71.3	71.3	70.3	70.9		71.3			71.9	72.5
≥ 6000 ≥ 5000	46.8	69.8	70.3	72.3	73.0	72.4	72.9		73.0	74.9	75.2	74.0 75.3	75.5	75.6	74.6	75.2
≥ 4500 ≥ 4000	47.0 47.8	70.4	73.0	74.0	73.6	74 • 1	75.8	74.7	74.8	76.7	76.9	75.9 77.0	76.2	77.3	76.6	78.2
≥ 3500 ≥ 3000	48.8	72.2	75.2	76.3	77.0	77.5			78.3	79.0	79.3	78.0 79.4	70.2	78.3 79.7	80.0	_ ~ ~
≥ 2500 ≥ 2000	49.4 50.8	75.3 77.8 78.5	79.6		79.1 81.7	82.2	82.8	82.9	80.4 83.1	83.8	84.1	84.2	84.5	84.5	84.8	85.4
≥ 1800 ≥ 1500	51.7 51.7	80.3	82.2	83.5	84.4	82.9 84.9 87.2	85.6	85.7	85.8	86.6	86,9	86.9	87.2	87.3	87.6	88.2
≥ 1200 ≥ 1000	52.7	84.8	87-0	88.4	89.4	89.9	90.7	90.9	91·1 92·1	91.9	92.1	92.2	92.5	92.6	92.9	93.5
≥ 900 ≥ 800	52.8	85.9	88.2	89.9	91.0	91.5	92.5	92.8	92.9	_	94.0	94.1	94.4	94.5	94.9	95.4
≥ 700 ≥ 600	52.8	86.6	89.0	90.9	92.5	92.9	94.0	94.3	94.5	95.4	95.7		96.1	96.2	96.6	
≥ 500 ≥ 400	52.8	86.6	89.2	91.2	92.9	93.5		94.9	95.2	96.5	96.8	96.9	97.3	97.4	97.8	_ : ' "
≥ 300 ≥ 200	52.8	1	89.2	91.3	I _ ~ ~ 1	93.7	94.9	95.1	95.5	96.9	97.1	97.3	97.8	11	98.3	
≥ 100		86.6						95.1			97.2			98.0		

TOTAL NUMBER OF OBSERVATIONS_

209

USAF ETAC TOPY 0.14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

13921

FURT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							V (SIBIL	JTY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 1.	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.9		43.7	44.6 53.0		45.3	46.0	46.3 55.1	46.3 55.1	46.8	47.2	47.2 56.2	47.7		48.1	49.1
≥ 18000 ≥ 16000	32.4	50.3	52.0 52.5	53.1 53.6	53.8 54.3	54.6 54.6	55.0 55.4	55.3 55.7	55.3 55.7	55.9 56.3	56.3 56.8	56.4 56.8	56.9	57.0 57.4	57.5 57.9	58.6
≥ 14000 ≥ 12000	33.6 34.7	51.7 53.5	53.5 55.4	54.6 56.5		55.6 57.5	56.4 58.4	56.7 58,7	56.7 58.7	57.3 59.3	57.8 59.8	57.8 59.9	58.3	58.4	58.9	62.1
≥ 10000 ≥ 9000	35.9 36.6	56.9	58.8	59.0 60.0	لشما	60.0	60.9	61:2	61.2	61.9	62.4	62.4	63.0	64.0	63.5	64.7
≥ 8000 ≥ 7000	37.5 38.3		62.3	62.2	62.9	63.2	64.2	64.5	64.5	65.1	65.7	67.4	67.9	66.3 68.0	66.8	67.9
≥ 6000 ≥ 5000	39.2 40.2		66.0	65.5 67.7	66.3 68.4	66.6	67.6 69.7	67.9 70.0	67,9 70.0	68.5 70.7	69.0	69.1 71.3	69.6	69.7 71.9	70.2	71.3 73.6
≥ 4500 ≥ 4000	40.3	65.6	67.8	69.7	70.4	70.8	70.3 71.8	70.6	70.7 72.1	71.3 72.9	71.9	72.0	72.5	72.6 74.1	73·1 74·6	74.2 75.7
≥ 3500 ≥ 3000	41.8	68.0	70.3	70.6	71.4	71.7	72.7	73.0 74.9	73.1 74.9	73.8 75.7	74.4 76.2	74.4	75.0	75.0 76.9	75.6 77.4	76,7 78,6
≥ 7500 ≥ 2000	43.2	72.2	72.1	76.8	75.3	75.7 78.3	76.7	77.0 79.7	77.0	77.8 80.4	78.3 81.0	78.4 81.0	78.9	79.0 81.7	79.6 82.2	83.3
≥ 1800 ≥ 1500	44.7	75.2	77.7	80.0	78.7 81.3	81.7	82.7	83.1	83.1	84.0	84.5	81.8	82.3 85.1	82.5	83.0	84.1 87.0
≥ 1200	46.0	78.3	81.3	83.9	85.5	85.9	87.1	87.5	87.5	88.5	89.0	89.1	87.2	89.8	\$0.3	91.5
≥ 900 ≥ 800	46.9 46.9	80.0	83.1	86.2	88.2	87.0 88.6	89,9	90.3	90.4	91.5	90.3	90.3	92.7	92.9	91.0	94.5
.4 700 ≥ 600	46.9	80.1	83.7	87.2	89.6	90.0	90.7	91.2	92.2	92.5	93.1	93.1	94.7	94.9	95.4	95.6
= 500 ≥ 400	46.9	80.4 80.4	83.9	87.6 87.7	90.3	90.7 90.8 90.8	92.2	92.9 93.1	93.0	94.8	95.1	95.8	96.7	96.8	97.3	97.8 98.5 98.7
≥ 300 ≥ 200	46.9	80.4	83.9	87.7	90.3	90.8	92.6	93.3	93.4	95.0 95.1 95.2	95.9 96.1 96.2	96.0 96.2 96.3	96.9 97.1	97.0 97.3	97.6	99.0
≥ 100	47.0		-		90.4		92.6				96.2				98 • 0 98 • 0	100.0

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APP CONSCIENT

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	28.8 34.7		43.3		44.7 54.8	44.7 54.9	45.0 55.2	55.4	45.2 55.5	45.4 55.8	45.4 55.8	45.4 55.8	55.8	45.4 55.8	45.5 55.9	56.0
≥ 18000 ≥ 16000	35.0 35.1	52.4 52.6	53.3 53.4	54.2 54.3	55.2 55.4	55.3 55.5	55.6 55.8	56.0	55.9 56.1	56.3 56.4	56.4	56.4	56,3 56,4	56.4	56.5	56.5 56.6
≥ 14000 ≥ 12000	35.3	53.3 55.6	56.5	57.4	58.5	58.6	58.9	56.8	56.8	57.2 59.6	59.6	59.6		57.2 59.7	57.3	59.8
≥ 10000 ≥ 9000	38.5	59.6	60.5	61.4	62.5	62.6	62.9	62.2	63.3	63.7	63.7	63.7	63.7	62.6	63.8	4 4 -
≥ 8000 ≥ 7000	40.4	63.5	64.6	63.7	66.7	66.8	67.1	67.6	67.6	68.0	68.1	68.1	68.2		68.2	68.3
≥ 6000 ≥ 5000	42.5	65.7	67.0		69.2	69.3	69.7	70.1	70.1	69.2 70.6	70.7	70.7	70.7	70.7	70.8	70.9
≥ 4500 ≥ 4000	42.7	67.6	68.9	69.9	71.1	71.3	70.3	70.7	70.7	72.7	72.8	72.8	72.8	72.8	72.9	73.0
≥ 3500 ≥ 3000	43.6	70.4	71.8	73.1	72.0	72.1	75.0	73.1	73.2	76.0	76.1	73.7	76.1	76.1	76.2	73.9
≥ 2500 ≥ 2000	46.0	75.5	77.2	78.5	80.0	80.2	80.6	81.2	81.2	81.7	81.8	81.8	81.8	81.8	81.9	82.0
≥ 1600 ≥ 1500	48.1	76.2 79.2	81.0	82.5	84.1	84.3	84.8	85.5	85.5	86.0	86.1	86.1	86.2	86.2	86.2	86.3
≥ 1000	50.4 50.8	83.4	83.8	87.8	89.6	89.7	90.6		91.3	91.8	91.9	89.3 91.9	92.0	92.0	92.1	92.2
≥ 900 ≥ 800	50.8 50.9	84.3	87.0	89.5	91.6	90.8		1	92.5	94.5	94.7	94.7	93.2	93.2	94.9	93.4
≥ 700 ≥ 600	50.9	84.8	87.7	90.7	92.6 93.1	93.5	94.9	95.8	95.9	96.8	97.0	95.8	95.8	97.2	96.0	96.1
≥ 500 ≥ 400	50.9	85.0		91.1	93.7	94.3	96.1	96.9	97.1 97.5	98.0	98.3	98.3	98.6	98.6	98.7	98.8
≥ 300 ≥ 200	50.9	85.0	88.0	91.1	93.7	94.3	96.1	97.3	97.5	98.8	99.2	99.2	99.5	99.5	99.7	99.7
≥ 100 ≥ 0	50.9	85.0 85.0			93.7 93.7	94.3		97.3 97.3		1 - " - 1	99.3			99.6 99.6		99.8 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	'TY (STATU	TE MILES)				· - ·			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.3 44.5	5A.4	48.0 58.8	48.5 59.4		48.6 59. 6	48.6	48.7	48.7 59.7		48.7 59.7	48.7 59.7	48.7 59.7	48.7	48.7 59.7	48.7
≥ 18000 ≥ 16000	44.8 45.0	59.1	59.4	59.7 60.0	59.9 60.2	59.9 60.2	60.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000 ≥ 12000	45.2	59.6	61.5	62.1	62.2	62.3	62.3	62.4	60.8	60.8	60.8	60.8	62.4	60.8	62.4	60.8
≥ 10000 ≥ 9000	48.0	64.1	64.6	65.2	65.4	65.4	65.5	65.5	65.6		65.6	65,6	65.6		65.6	65.6
≥ 8000 ≥ 7000	50-1	66.3 67.3	68.1	68.8	69.1	69.1	67.8	69.2	69.3	67.9	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000 ≥ 5000	50.6 51.0		70.2	71.0	70.2	70.2	70.3	70.3	70.4	71.7	71.7	71.7	70.4	71.7	71.7	71.7
≥ 4500 ≥ 4000	51.9	70.5	71.3	72.2	72.7	72.8	72.9	73.0	72.0	72.0 73.1	73.1	72.0 73.1	73.1	73.1	73.1	72.0 73.1 74.6
≥ 3500 ≥ 3000	55.1	72.0 74.8 77.6	75.6	76.5	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500 ≥ 2000	58.0	80.9	81.8	82.9	83.7	83.8	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800 ≥ 1500	59.7	85.4	86.9	88 - 1	88.9	89·1 92·0	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1269 ≥ 1000 ≥ 900	60.5	89.2	90.9	92.5	93.8	94.0	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900 ≥ 800 ≥ 700	60.5	90.1	92.0	94.0		95.5	96.7	96.6	96.6 97.1	96.7	96.8	96.8	96.8	96.8	96.8	96.9
≥ 600	60.5	90.5	92.6	94.7	96.3	36 · 6	97.3	97.8	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.5
≥ 400 ≥ 300	60.5	90.7	92.9	94.9	96.6	97.0	1	98.7	99.0	\$9.3	99.4	99.4	99.6	99.6	99.6	99.7
≥ 200	60.5	90.7	92.9		96.8	97.2	98.1	98.8	99.1	99.4	99.6	99.6	99.8	99.8		100 • 0
≥ 0	60.5		92.9			97.2		98.8	99.1	99.4	99.6	99.6	99.8	1		100.0

TOTAL NUMBER OF OBSERVATIONS 2352

USAF ETAC PUR 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

,										<u>_</u>						
CEILING							VISIBIL	ity (Statu	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1½	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	37·2 45·4	48.5 58.9		48.9 59.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1 60.1	49.1	49.1		49 · 1 60 · 1	49.1 60.1
≥ 18000 ≥ 16000	45.5	59.0 59.3		1	60.2	60.2	60.2	60.2	60.2	60.2		60.5			60.2	60.2
≥ 14000 ≥ 12000	46.5	60.2	60.7	61.0	62.8	61.4	62.9	61.4	- 1	62.9	61.4	62.9		62.9	62.9	61.4
≥ 10000 ≥ 9000	49.0	54.1	64.6	1 7 2 7	65.3 65.6	65.3	65.7	65.7	65.7	65.7	65.3	65.7	65.7	65.7	65.3 65.7	65.7
≥ 8000 ≥ 7000	50.7 51.3		67.2 68.4	67.5 68.8	68.0						1	68.0	69.3	69.3	68 • 0 69 • 3	69.3
≥ 6000 ≥ 5000	52.3 53.4	69.3 71.2	70.1	70.5 72.5	71.0 73.0	71.0 73.0		73.0	73.0	73.0		71.0 73.0		73.0	71.0 73.0	71.0 73.0
≥ 4500 ≥ 4000	53.7 54.6					73 · 8 75 · 1		75.1	75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1
≥ 3500 ≥ 3000	55.7 57.3			78.8	79.5	76.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	76.6 79.7	76.6	76.6 79.7
≥ 2500 ≥ 2000	58.6 60.2	83.7	84.9		86.4	86.7		86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800 ≥ 1500	60.6			89.5	90.5		91.1	91.1	91.1	41.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200 ≥ 1000	61.4			92.5	93.9	94.3	94.6	94.6	94.7	94.8		94.8	94.9	94.9	94.9	94.9
≥ 900 ≥ 600	61.9	_			95.5	96 . 0		96.5	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.1
≥ 700 - 600	61.9			94.2	96.0 96.1		97.5	1	97.9	98.1	98.2	98.3		98.5	98 - 5	98.6
≥ 500 ≥ 400	61.9	:	1 :	94.4			98.0	98.4		1	99.4	99.4	99.7	·		99.7
≥ 300 ≥ 200	61.9	1	92 · 8 92 · 8	94.5		97.2	98.3	98.6	98.9	99.4	99.6	99.6	99.9	99.9	99.9	100 - 0
≥ 100 ≥ 0	61.9	1		94.5			98.3 98.3							99.9		100 • 0 100 • 0

TOTAL NUMBER OF OBSERVATIONS__

2354

USAF ETAC 101.64 0-14-" OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 1/4	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.7 45.2	54.9 61.7	56.0 62.8	56.6 63.5	57.0 63.8	57.0 63.9	57.0 63.9	57.0 63.9	57.0 63.9	57.0 63.9	57.0 63.9	57.0 63.9	57.0	. 9	57.0 63.9	57.0 63.9
≥ 18000 ≥ 16000	45.7	62.0	63.4	63.8	64.4	64.5	64.5	64.2	64.2	64.5	64.5	64.2	64.5	64.5	64.2	64.5
≥ 14000 ≥ 12000	46.1 47.9	62.8 65.0	66.1	66.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	65.0 67.4	67.4	67.4	67.4
≥ 10000 ≥ 9000	49.1	67.4	68.6	69.3	69.8	69.8	69.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000 ≥ 7000	50.0 50.7	70.0		70.9	71.3	71.4	71.4	71.4	71.4	72.5	72.5	72.5	72.5	72.5	71.4	71.4
≥ 6000 ≥ 5000	51.4 52.1	73.0	74.2	73.1	73.6	72.7	73.7	73.7	73.7	73.7	73.7 75.8	73.7	73.7	73.7	73.7	73.7
≥ 4500 ≥ 4000	52.6 53.5	75.6	77.0 79.1	77.8	76.6	76.5	76.8 78.6	76.7	76.9	78.7	76.9	76.9	76.9	76.9	76.7	76.9
≥ 3500 ≥ 3000	55.1	79.3	80.9	81.7	82.3	80 • 7 82 • 5	82.6	82.7	80.9	82.8	81.0	81.0	82.8	82.8	81.0	82.8
≥ 2500 ≥ 2000	57.0	84.2	86.0	87.3	88.2	88 • 4	88.6	88.8	88.8	88.9	85.8 88.9	88.9 89.6	85.8	85.8 88.9	88.9	85.8
≥ 1800 ≥ 1500 ≥ 1200	57.8 57.9	86.5	88.4	90.0	90.9	91.2	91.6		91.8	91.8	91.8	91.8	89.6 91.8	91.8	89.6 91.8	91.8
≥ 1200 ≥ 1000 ≥ 900	58.0		90.6	92.5	93.8	94.1	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700 ≥ 800 ≥ 700	58.0		91.5	93.7	95.1	95.6 96.5	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	58.0	89.4	92.2	94.6	96.3	96.8	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400 ≥ 300	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	58.0	89.4	92.3	94.9	96.6	97.3	98.4	98.7	99.3	99.7	99.9	99.9	100.0	100.0	100.0	00.0

TOTAL NUMBER OF ORSERVATIONS

2316

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBI	LITY (STATU	ITE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 11/2	≥ ; ¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1⁄4	≥ 0
NO CEILING ≥ 20000	39.2	58.3 63.3	58.9 63.9	59.5 64.5		1 -0 -0	60.2	60.3	60.4	60.5	_	- 0	60.8	60.8		
≥ 18000 ≥ 16000	42.6	63.3	63.9	1		65.1	65.2	65.6	65.4	65.5	65.7	65.7	65.8	65.8	65.9	66.2
≥ 14000 ≥ 12000	43.6	64.3	66.8	65.5	65.9	66 • 1	66.2	66.3	66.4	66.5	66.7	66.7	66.8	66.8	66.2	67.2
≥ 10000 ≥ 9000	46.0	68.2	69.0	1 ~ ~ " '		69.9	70.1	70.2	70.2 70.5	70.4	70.5	70.5	70.6	70.6	70.8	71.0
≥ 8000 ≥ 7000	46.8 48.0	69.5 71.2	70.1	70.7 72.6	71.1	71.3	71.5	71.6	71.7	71.6	72.0 73.8	70.7 72.0 73.8	70.8 72.1 74.0	72.1	$\frac{71.0}{72.2}$	
≥ 6000 ≥ 5000	48.5	72.4 73.7	73.0	73.8	74.2	74.4	74.6	74.7	74.8	74.9	75.1 76.5	75.1 76.5	74.0 75.2 76.6	75.2	75.3	75.6
≥ 4500 ≥ 4000	49.5	74.6	75.4	76.4 77.2	76.8	77.0	77.2	77.3	77.4	77.5	77.6 78.5	77.6 78.5	77.7	77.7	76.7	77.0 78.1
≥ 3500 ≥ 3000	50.2 51.1	76.5	77.4	78.6 81.0	79.0	79 · 2 81 · 7	79.4	79.5	79.6	79.7	79.8	79.8	79.9	79.9	78.7 80.1	79.0
≥ 2500 ≥ 2000	51.7 52.7	80.8	81.5	86.2	87.0	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.8	84.8 88.2	84.9	83.0
≥ 1800 ≥ 1500	53.4	84.0	85.3	87.1 88.4	87.9 89.j	88 - 1	88.5	88.6	88.7 90.1	88.9	89.0	89.0 90.4	89.1	89.1	89.3	89.5
≥ 1200 ≥ 1000	53.7 53.7	86.5	90-1	90.5	91.4	91.6	92.1	92.3	92.4	92.6	92.7	92.7	92.8	92.8	90 • 7 93 • 0 95 • 1	93.2
≥ 900 ≥ 800	53.7 53.7	88.2	90.3	92.6	93.8	94.0	94.8	95.0	95.0	95.3	95.4	95.4	95.5	95.5 96.1	95.6 96.2	95.3 95.9 96.5
≥ 700 ≥ 600	53.9 53.9	88.7	91.2	93.6	95.8	95.3	96.1	96.5	96.6	96.9	97.0 98.2	97.0 98.2	97.2	97.2	97.3	\$7.5 98.7
≥ 500 ≥ 400	53.9		91.8 91.8	94.4	95.9	96.3	97.4	97.9	98 · 1 98 · 3		98.7	98.7	98.8	98.8	99.0	99.2
≥ 300 ≥ 200	53.9	89.0	91.8 91.8	94.4	96.0	96.4			98.4	99.0	99.2	99.2	99.3	99.4	99.5	99.8
≥ 100 ≥ 0		89.0 89.0	91.8	94.4	96.0		97.6		98.4	99.0	99.2	99.2	99.4	99.5		99.9

TOTAL NUMBER OF OBSERVATIONS.

USAFEFAC TOLES 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FURT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.5 36.9	49.7 54.8	50.4 55.5	50.8 56.1	51.6 56.9	51.6 56.9	52.0 57.3	52.2 57.5	52.2 57.5	52.5 57.8	52.7 58.0	52.7 58.0	53.0 55.3	53.1 58.3	53 · 1 58 · 4	53.2 58.5
≥ 18000 ≥ 16000	36.9 37.4	54.8	56.1	56.1 56.7	56.9 57.5	57.0 57.5	57.4 57.9	57.5 58.1	57.5 58.1	57.8 58.4	58.0 58.6	58.0 58.6	58.3 58.9	58.4 59.0	58 • 4 59 • 0	58.6 59.2
≥ 14000 ≥ 12000	38.0 38.7	56.1 57.0		57.5 58.6	58.3 59.4	58 • 3 59 • 5	58.8 59.9	58.9	58.9	59.2	59.4 60.5	59.4 60.5	59.7	59.8	59.8	61.1
≥ 10000 ≥ 9000	39.1	57.9 58.7	58.8		61.2	60.5	61.8	61.1	61.9	62.3	62.5	62.5	62.8 62.8	62.8	62.9	63.0
≥ 8000 ≥ 7000	40.6	62.0			64.6	64.7	63.7	63.9	65.4	65.7	65.9	65.9	64.7	66.3	66.3	66.5
≥ 6000 ≥ 5000	41.9	62.9	63.9	66.2	67.2	67.3	67.9	68.0	68.0	68.4	68.6	66.9	67.2	68.9	69.0	67.5
≥ 4500 ≥ 4000	42.9 43.2 43.6	65.8		67.8	68.1 68.8 69.8	68 • 2 68 • 9	69.4	68.9	68.9	69.3	69.5 70.2	69.5 70.2	69.8 70.5	70.5	70.6	70.7
≥ 3500 ≥ 3000	44.2	67.6		70.0	71.1	71.2	70.5 71.8	70.6	70.6 71.9	72.3	72.5	71.2	72.8	72.9	71.6	71.8 73.1 74.9
≥ 2500 ≥ 2000	46.2	71.9	73.4	75.0	76.3	76.4	77.0	73.7 77.2 78.9	77.2	77.5	77.8	74.4	74.7	74.7 78.1	74.8	78.3
≥ 1800 ≥ 1500	48.0	75.5	77.2	78.8		80.4	81.1	81.3	81.3	81.6	82.0	82.0	82.3	82.3	82.4	82.5
≥ 1200 ≥ 1000	49.3	79.0	81.1	83.2	85.0	85.3	86.3	86.4	86.4	87.0	87.3	87.3	87.7	87.7	87.8	87.9
≥ 900 ≥ 800 ≥ 700	49.6	80.2		85.6	87.6	88 · C	90.5	90.8	89.4	90.1	90.7	90.7	91.1	91.1	91.2	91.3
≥ 600	49.6	80.9	84.0	87.5	89.8	90.2	91.5	92.0	92.1	93.2	93.9	93.9	94.3	94.4	94.5	94.6
≥ 500 ≥ 400 ≥ 300	49.6	81.1	84.4	88.2	_ =	91.4	92.8	93.4	93.6	95.0	96.1	96.1	96.9	97.9	97.0	97.2
≥ 200 ≥ 100	49.6	81.1	84.4	88.4	91.1	91.7	93.1	93.8	94.0	95.6	97.0	97.0 97.1	98.2	98.3	98.4	98.6
2 0	49.6		84.4	88.4	91.1		93.1		94.0	95.6	97.1	97.2	98.7		99.2	

TOTAL NUMBER OF OBSERVATIONS

2228

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 100 - 0500 HOURS(LST)

CEILING							VISIBIL	ILTATZ) 11	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	2,	≥ ?	21/2	≥ 1'4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/1/	≥ %	≥ 0
NO CEILING ≥ 20000	30.9 33.6	47.8 51.9	48.5 52.6			49.9 54.3	50.5 54.9	50.6 55.0	55.0		51.1 55.5	51 · 1 55 · 5	51.3 55.7	51,3 53.7	55.8	51.8 56.2
≥ 18000 ≥ 16000	33.6 34.2	51.9 52.5	52.6 53.2	54.2	54.3 54.9	54.3 54.9	54.9 55.5	55.6	55.0 55.6	55.2 55.8	55.5 56.1	55.5 56.1	56.3	54.7 50.3	55.8 56.4	56.2 56.8
≥ 14000 ≥ 12000	34.7 35.3	54.2	53.9		55.6 56.7	55.6 56.7	57.4	56.2	56.2 57.5	1	58.0	58.0	57.0 58.2	58.2	58.3	58.7
≥ 10000 ≥ 9000	35.6 35.9	55.9	57.3	-	59.1		59.1 59.7	59,3 59.8	59.8	60.0	59.8	59.8		50.3	60.6	61.0
≥ 8000 ≥ 7000	37.3 38.3	58.2 59.7	59.1 60.6	7 7	60.9	62.5	63.2	61.0	61.6	63.6	64.0	64.0	64.2	64.2	64.3	64.7 65.7
≥ 6000 ≥ 5000	39.1	61.8	62.7	63.8	64.6	64.7	65.4	65.5	65.5	65.8	66.1	66.1	66.4	66.4		66.9
≥ 4500 ≥ 4000 ≥ 3500	39.5	63.2	64.3		86.2	66.3	67.0		67.2	67.4	67.8	67.8	6.0	60.0	58.1	69.4
≥ 3000	40.4	65.0			70.9	68.5	69.3	72.0	72.0	7 . 7.	70.0	70.0		70.3	70.4	70.8
≥ 2000	42.6	70.0	71.6	73.3	74.5	74.6	75.4	75.7	75.7	73.9 77.6	78.0	76.3		76.6	76.7	77.1
≥ 1500	44.3	74.1 76.6	75.9 78.7	77.8	79.1	79 • 1 82 • 3	80.0	80.3	80.3	80.0	81.0	84.	84.8	81.3	81.4	85.2
≥ 1000	45.6	78.3	80.4	82.7	84.3	84.5	85.4	85.7	85.7	86.2	86.8	87.3	88.1	87.2	88 • 2	87.7
≥ 800	45.7	80.4	83.2	86.3	88.7	86.7	90.4	90.6	90.6		92.1	92.2	92.5	92.5	92.6	90.3
≥ 500	45.9	81.0	83.9	86.8	89.9	90.2	92.0	92.6	91.6	93.5	93.1	93.2 94.2 95.3	93.5 94.6	93.5	93.6 94.8 96.1	95.2
≥ 400 ≥ 300 ≥ 200	45.9 45.9 45.9	81 • 1 81 • 2	84.2	87.7 87.8 87.8		90.9 91.1 91.2	92.7 93.0 93.2	93.3 93.7 93.9	93.4 93.8 93.9	34.8	95.2 95.8 96.1	95.3 96.0 96.3		97.2	97.5 98.0	96.5 97.9 98.4
≥ 100 ≥ 0	45.9	81.2	84.3	87.8	90.9		93.4	94.0	94.1	95.3	96.4	96.5	97.9	97.9	98.3	

TOTAL NUMBER OF OBSERVATIONS

223

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FURT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

2379

CEILING							VISIBI	ITY (STATU	TE MILES)				-			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	> 3	≥ 21/2	≥ ?	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.0 28.5	40.9 46.8		43.3 49.3	43.9	44 · Ô 50 · 2	44.5 50.8		44.9		45.4	45.4	45.6	45.6		
≥ 18000 ≥ 16000	28.5	47.0	48.6	49.5 49.8	50.2 50.5	50.4 50.6	50.9	51.4 51.6	51.4 51.6	51.7 52.0	51.9 52.2	51.9 52.2	52.2 52.5	52.2 52.5	52.4 52.8	53.3 53.6
≥ 14000 ≥ 12000	29.0 30.1	47.7		50.4 52.4	51.1 53.1	51 · 2 53 · 3	51.8 53.9	52.2 54.3	52.2 54.3	52.7 54.7	52.8 54.9	52.8 54.9	53.2 55.2	53.2 55.2	53.4 55.4	54.2 56.3
≥ 10000 ≥ 9000	31.3 31.7	51.7 52.6	53.4 54.4	54.7 55.6	55.4 56.3	55.6 56.5	56.2 57.1	56.6 57.5	56.6 57.5	57.0 58.0	57.2 58.1	57.2 58.1	57.5 58.5	57.5 58.5	57.8 58.7	58.6 59.5
≥ 8000 ≥ 7000	32.7 33.5	54.3 55.6	56.0 57.4	57.3 58.8	58.0 59.5	58 • 2 59 • 7	58.9	59.4 60.9	59.4 60.9	59.9 61.4	61.6	61.6	60.4	61.9	60.6	61.5
≥ 6000 5000	33.9 34.6	56.5 57.9	58.5 59.9	59.9 61.3	60.7	62.4	63.1	62.2	62.2	62.6	62.8	62.8	63.1	63.1	63.4	64.2
≥ 1500 ≥ 4°00	34.9 35.3	58.5 59.4	60.5	63.0	62.8	63.1	63.8 64.9	64.3	64.3	64.8	66.0	66.0	65.3	65.3	65.5	67.4
≥ 350. ≥ 3000	35.9 36.4	60.3	62.4	63.9	64.8	65.1	67.2	66.4	66.4	66.8	67.0	67.0	67.3	67.3	67.6	69.8
≥ 2500 ≥ 2000	37.5	63.1 65.4	67.8	67.1	67.9 70.6	68.3 71.0	71.9	72.5	69.6 72.5	70·1 72·9	70·2 73·2	70·2 73·2	70.6	70.6 73.6	70.8	71.7
≥ 1800 ≥ 1500	3°•0 40•3	69.4	69.1 72.0	71.0	72·0 75·0	72·4 75·5	73.3 76.4	73.9	73.9	74.4	77.9	74.7	75.0 78.2	75.0 78.2	75·2 78·5	76.1 79.3
≥ 1200 ≥ 1000	40.8	71.9 73.9	74.7	76.8 79.2	78.0 80.7	78.5	79.5 82.5	80 • 2 83 • 2	50.2 83.2	83.9	81.2	81.2	81 6	81.6	81.8	82.7
≥ 900 ≥ 800	41.4 41.5	74.4 75.0		80.9	82.8	83.6	83.5	84.3	84.3	85.0	87.3	85.8 87.4	86.1	86.1	86.4	87.2
≥ 700 ≥ 600	41.6	75.5 75.9	79.2	82.5	83.9	84.7 85.8	86.4 87.7	87.5	87.6	88.6 90.1	90.9	89.4 91.1	89.8	89.8 91.6	90·1 91·8	90.9
≥ 500 ≥ 400	41.7	76.4 76.4	79.9 80.1		86.8		- 1	91.7	91·1 92·0	92.5	93.6	93.8	94.6	94.6	94.9	95.8
≥ 00 ≥ 200	41.7	76.5 76.5	80 · 1	27.1	86.9	88.0	A 7 . TI	92.0	92.3	93.9	95.1	95.8	96.6	96.6	97.0	97.9
≥ 100 ≥ 0	41.7	76.5 76.5	80 · 1		86.9	88 • 0 88 • 0		92.0 92.0	92.5 92.5	94.2		95.8 95.8		97.5	97.9 98.1	99.1 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC PORM DE CE DE DE CONTRA DE CARROLLE DE CONTRA DE CARROLLE DE CONTRA DE CARROLLE DE CONTRA DE CARROLLE DE CONTRA DE CARROLLE DE CONTRA DE CARROLLE DE CONTRA DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARROLLE DE CARRO

CEILING VERSUS VISIBILITY

13921

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FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIE	ITY (STATUT	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¼	≥ ¼	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.8 29.2	T " I	38.2 47.2	38.9 48.2	48.8	49.0	39.9 49.3	49.6	40.3 49.8	50.0	50.2	40.7 50.2		50.2	40.7 50.2	50.3
≥ 18000 ≥ 16000	29.5	45.9	47.5	48.7	49.1	49.3	49.7	50.2	50.4	50.4 50.7	50.8	50.5		50.8	50.6 50.8	50.9
≥ 14000 ≥ 12000	30.2 31.5	48.5	48.4 50.4	51.6	52.3	50.3 52.5	50.6 52.8 56.2	53.2	51.1 53.3	51.4 53.6 56.9	53.8	51.6 53.8		53.9	53.9	54.0
≥ 10000 ≥ 9000	33.1 33.6	51.4 52.4	53.5 54.5	54.8	56.6	56.9	57.2	57.5	57.7	58.0	58.2	58.2	58.2	58.2	58.3	58.3
≥ 8000 ≥ 7000	34.7 34.8	54.2 55.0	56.5 57.3	-	59.7	59 • 1 60 • 0	59.4 60.4	60.7	59.9 60.8		61.4	61.4	61.5	61.5	61.5	61.6
≥ 6000 ≥ 5000	35.5 36.1	56.0 57.1	58.4 59.6			62.5	62.8	63.2	63.4	63.8	64.0	64.0		64.1	64.1	64.2
≥ 4500 ≥ 4000	36.5	57.6 58.1	60.7	62.6	–	63.8	64.2	7 -	64.8		65.4	55.4	65.5	65.5	64.8	65.6
≥ 3500 ≥ 3000	36.9	58.7 59.6	62.5	63.4	65.5	64.6	65.0 66.2	66.7	65.6	67.3	1	67.5	67.6	67.6		
≥ ⁷ 500 ≥ 2000	38.6 40.4	61.7	64.7	70.5	67.9 71.6	71.9	72.5	69.3 73.0	69.5 73.3	73.8	74.0	70.2	74.1	74.1	70.3	74.2
≥ 1800 ≥ 1500	40.8	67.6	71.3	71.3 73.9	72.4 75.3	72.7	73.3	73.9 77.1	74.2	74.7	78.1	74.9 78.1	78.2	78.2	75.0 78.4	78.5
≥ 1200 ≥ 1000	43.3	71.2 72.8	75.1	80.3	79.6 82.2	82.7	83.7	84.7	82.2	85.8	86.2	86.2		86.3		86.6
≥ 900 ≥ 800	44.0		78.8 78.8	81.5	83.6 85.0	84 • 1 85 • 6	· · · · · · · · · · · · · · · · · · ·	87.8		89.2	89.6			89.8	89.9	90.1
≥ 700 ≥ 600	44.1	74.5	79.4	83.2	85.8	86.4	89.0		89.4 90.5		92.6	92.6	92.9	92.9	93.1	93.3
≥ 500 ≥ 400	44.1	74.7	80.2		87.7	88.9			92.9		96.2	96.3	96.8	96.9	97.1	97.2
≥ 300 ≥ 200	44.1	74.9	80.2		1 "	89.5 89.5	91.5	93.3 93.5		96.3	97.2	97.5	98.2	98.4	98.8	99.3
≥ 100 ≥ 0	44.1			1	I									"I '	,	99.6 100.0

TOTAL NUMBER OF OBSERVATIONS 243

USAF ETAC TORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEFT	≥ 16	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.2 39.0	42.1 52.5	42.6 53.3	43.0 53.8	43.5 54.4	43.5 54.4	43.5 54.4	43.6 54.5	43.6 54.5	43.6 54.5	43.6 54.5	43.6 54.5	43.6	43.6	43.6	43.6 54.5
≥ 18000 ≥ 16000	39.1 39.3	52.9 53.0	53.8	54.2 54.4	54.8 54.9	54.9 55.0	54.9 55.0	54.9 55.0	54.9 55.0	54.9 55.0	54.9 55.0	54.9 55.0		54.9 55.0	54.9 55.0	54.9 55.0
≥ 14000 ≥ 12000	39.7 41.1	53.5 55.3	56.2	54.9 56.8	55.4	55.5 57.4	55.5 57.4	55.5 57.5	55.5 57.5	55.5 57.5	55.5 57.5	55.5 57.5	55.5 57.5	55.5 57.5	55.5 57.5	55.5 57.5
≥ 10000 ≥ 9000	42.7	58.5 58.9	60.0		61.3	61.4	61.4	61.4	61.4	61.4	60.9	60.9	60.9	61.4	60.9	61.4
≥ 8000 ≥ 7000	43.8	60.9	62.8	63.5	64.2	64.2	64.3	64.3	64.3	64.3		63.5	64.3	64.3	64.3	64.3
≥ 6000 ≥ 5000	45.0 45.6 46.0	63.6		65.5	66.2	66.3	66.3	65.4	66.4	66.4	66.4	65.4	66.4	66.4	66.4	65.4 66.4
≥ 4500 ≥ 4000	46.8	64.7	66.0	7.7.2	66.9 67.4	67.0 67.4	67.5 68.5	67.1 67.6	67.6	67.1 67.6	67.1 67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500 ≥ 3000	47.8	67.0		69.1	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2 72.6	70.2 72.6	70.2 72.6	76.2 72.6	70.2
≥ 2500 ≥ 2000	50.8	72.4	74.2	75.1 76.5	76.3	76.5	76.7	76.8	76.8		76.9	76.9	76.9	76.9	76.9	76.9
≥ 1800 ≥ 1500 ≥ 1200	52.3	76.2	78.3	79.8		81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000	53.9	80.7	83.5	85.6	87.1	87.7	88.2	88.4	88.4	88.6	88.7 90.1	88.7 90.1	88.7	88.8	88.8	8.88
≥ 900 ≥ 800 ≥ 700	54.3	81.9	85.4	87.4	89.3	90.0	90.7	91.0	91.0	91.4	91.4	91.5	91.6	91.7	91.9	91.9
≥ 600	54.3	82.2	85.5	88.5	90.7	91.5	92.6	93.1	93.3			94.1	94.5	94.7	94.8	94.9
≥ 400	54.3	82.3	85.8	89.0	91.6	92.8	94.5		95.9	97.1	97.4	97.5	98.1	98.3	98.5	98.6
≥ 300 ≥ 200 ≥ 100	54.3		85.9		91.7	92.8	94.7	95.7	96.3	97.7	98.1	98 • 2	99.0	99.2	99.5	99.7
≥ 0	54.3				1	- 1	94.7		96.3							100 • 0

TOTAL NUMBER OF OBSERVATIONS_

243

USAFETAC JUL64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)				-			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 11/3	≥1%	≥ 1	≥ 1/4	≥ 5%	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.1 39.6	42.8 52.7	43.5 53.5	44.0 54.3	44.3 54.7	44 · 3 54 · 7	44.4 54.8	44.5 54.9	44.5 54.9	44.6	44.6	44.6	44.6	44.6	44.6 55.0	44.6
≥ 18000 ≥ 16000	39.7 39.9	53.0 53.2	53.9 54.1	54.6 54.8	55.0 55.2	55 • 1 55 • 3	55.1 55.3	55.3 55.5	55.3 55.5	55.3 55.5	55.3 55.5	55.3 55.5	55.3 55.5	55.3 55.5	55.3 55.5	55.3 55.5
≥ 14000 ≥ 12000	40.4	53.7 56.3	54.6 57.1	55.3 57.9	55.8 58.3	55.8 58.4	55.9 58.5	56.0 58.6	56.0 58.6	56.1 58.7	56.1 58.7	56.1 58.7	56.1 58.7	56 · 1 58 · 7	56 · 1 58 · 7	56.1 58.7
≥ 10000 ≥ 9000	44.7	58.6 59.7	60.6	61.5	62.0	61.0	62.2	61.2	62.3	62.4	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000 ≥ 7000	45.9	63.8	62.8	63.7	64 • 1 66 • 2	66.4	64.4	64.5	64.5	66.7	64.6	64.6 66.7	64.6	64.6	64.6	64.6
≥ 6000 ≥ 5000	47.6	65.2	65.7	67.4	67.9	67.3 68.1	67.4 68.2	67.5	67.5 68.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500 ≥ 4000	48.6	66 • 5	67.9	68.9	69.3	69.6	69.1	69.2	69.2	69.8	69.3	69.4	69.4	69.4	69.9	69.4
≥ 3500 ≥ 3000	49.5 50.2	68.6	70.0	71.0	70.0	70.3	70.4 71.8	70.5 71.9	70.5 71.9	70.6	70.6 72.0	70.7	70.7 72.1	70.7	70.7 72.1	70.7 72.1
≥ 2500 ≥ 2000	51.3	73.7	72.3	76.9	77.5	74.2	74.3	74.4	78.0	74.5 78.1	74.5 78.1	74.6	74.6	74.6 78.1	74.6 78.1	74.6 78.1
≥ 1800 ≥ 1500	53.3	74.5	76.4	81.6	78.6	78.8	83.0	79 · 1 83 · 1	79 · 1 83 · 2	79.2 83.3	79.2	79.3 83.4	79.3 83.4	79.3 83.4	79·3 83·4	79.3 83.4
≥ 1200 ≥ 1000	55.1 55.1	80.6 81.1	82.3	86.0	87.3	87.8	88.2	86.2	88.6	89.2	86.7	86.8	86.8	86.8	86.8	89.5
≥ 900 ≥ 800	55.5	81.6	85.1	87.6	89.2	89.8	90.4	89.4 90.9	89.7 91.1	90.3	90.5 92.2	90.6	90.6	90.6	90.7	90·7 92·6
≥ 700 ≥ 600	55.5	82.1	85.7	88.7	90.7	90.8 91.4	91.7	92.3	92.6	93.3	93.7 95.3	93.8	94.0	94.1	94.2	94.2
≥ 500 ≥ 400	55.5	82.2	85.9	88.9	91.2	91.9	93.5 93.8 93.9	94.7	95.6	96.9	96.9	97.0 97.6	97.6	97.8	97.9	97.9
≥ 300 ≥ 200	55.5	82.2	85.9	88.9	91·2 91·2	92.1	94.0	95.4	95.8	97.5	98.1	98.2 98.3	98.9	99.1	99.3	99.4
≥ 100 ≥ 0	55.5	82.2	85.9	88.9	91.2	92.1	94.0	95.4 95.4	95.9	97.5 97.5	98·2 98·2	98.3 98.3	99.2	99.3	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC OF ON ARE OBSOLETE

CEILING VERSUS VISIBILITY

 \mathbf{C}

FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS181	UTAT2) YTI	TE MILES)		_	_				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ 4	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.0 37.8	55.2	49.4 55.9	50.2 57.0	50.4 57.2	50 • 4 57 • 2	57.4	50.6 57.4	50.6 57.4	57.4	50.6 57.4	50.6 57.4	57.4	50.6 57.4	57.4	50.6 57.4
≥ 18000 ≥ 16000	37.8 37.8	55.3	55.9 56.1	57.0 57.1	57.3 57.4	57.3 57.4	57.5	57.5 57.6	57.5 57.6	57.6	57.5 57.6	57.5 57.6	57.5 57.6	57.5 57.6	57.5 57.6	57.5 57.6
≥ 14000 ≥ 2000	38.1 39.5	55.9 57.7	58.5	57.7	60.0	58 • 0 60 • 0	60.1	58.2	58.2	60.1	60.1	58.2	60.1	58.2 60.1	58.2 60.1	58.2 60.1
≥ 10000 ≥ 9000	41.8	61.1	61.9	62.6	63.4	62.9	63.6		63.6	63.1	63.6	63.6		63.6	63.6	63.6
≥ 8000 ≥ 7000	43.1	63.9	64.8	66.2	65.5	65.5	66.8		66.8		66.8	66.8		65.7	66.8	
≥ 6000 ≥ 5000	44.6		65.5	68.2	68.7	68.7	68.9	67.6	68.9	68.9	68.9	68.9	68.9		68.9	68.9
≥ 4500 ≥ 4000	45.2	67.5	68.5		70.4	69.6 70.4	70.6	70.6	70.6	70.6	70.6	70.6		70.6	70.6	
≥ 3500 ≥ 3000	46.0		71.0	71.0	73.0	71.5	71.7	71.8	71.8	71.8	73.4	73.4	71.8	71.8	73.4	71.8
≥ 2500 ≥ 2000	46,9	75.0	72.9	78.3	75.0	79.2	75,3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800 ≥ 1500	49.6	76.8 79.1	78.5 81.2	83.0	81.2	84.2	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200 ≥ 1000	50.3	81.9	84.3	86.2	87.8	87.9	89.2	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900 ≥ 800	50.4	82.5	85.2	87.4	89.4	89.7	90.1	90.7	90.7	91.4	91.6	91.6	91.7	91.8	90.2 91.8	91.8
≥ 700 ≥ 600	50.4	82.8	85.9	88.3	90.7	91.5	92.4	93.3	93.3	94.1	94.3	94.4	94.7	94.7	94.7	94.7
≥ 500 ≥ 400	50.4	83.0	86.1	88.6	91.5	92.6	94.0	95.5	95.7	96.9	97.4	97.5	98.2	98.3	98.5	98.5
≥ 300 ≥ 200	50.4	83.0	86.1	88.6	91.5	92.7	94.1	95.6	95.7	95	97.9	98.1	99.0	99.1	99.2	99.3
≥ 100 ≥ 0		83.0		T ::		' '					97.9	98.1	99.1			100.0

TOTAL NUMBER OF OBSERVATIONS

2388

USAF ETAC PL SA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13921

FORT LEAVENWORTH KAHS/SHERMAN AAF 38-52,62-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11'5	≥ 1%	≥ 1	≥ ¾,	≥ 16	≥ '5	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	31.9 36.4	50.0 56.5	50.7 57.2	51.5 58.1	51.9 58.6	58.7			52.3 59.0	52.4 59.1	52.5 59.2		59.3	52.6 59.3	59.3	52.7 59.4
≥ 18000 ≥ 15000	36.4 36.4	56.5 56.6	57.3 57.3	58.2 58.2	58.6 58.7	58.7 58.8	58.9 59.0	58.9 59.0	59.0 59.1	59.2 59.2	59.2 59.3	59.2 59.3	59.3 59.4	59.3 59.4	59.4	59.4 59.5
≥ 14000 ≥ 12000	36.7 37.7	57.2 58.5	57.9 59.2	60.3	59.3 60.7	59.4 60.8	59.6 61.0	59.6 61.0	59.7 61.1	59.9 61.3	59.9 61.3	59.9 61.3		61.4	61.4	61.5
≥ 10000 ≥ 9000	38.7 39.1	60.9	61.7	62.8	63.3	63.4	63.7	63.7	63.8	63.3	64.0	64.0	64.0	64.0	64.0	64.2
≥ 8000 ≥ 7000	40.1 40.7 41.2	62.7	63.5	65.5	65.9	65 • 1 66 • 1	65.4 66.3	65.4 66.3	66.4	65.7 66.6 68.0	66.6	65.7 66.6 68.0	65.8	66.7	65.8 66.7 68.1	65.9
≥ 6000 ≥ 5000	41.6	65.7	65.7	67.9	68.4	68.5	68.8	1	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.4
≥ 4500 ≥ 4000 ≥ 1500	42.1	66.8		69.1	69.5	69.7	70.0	70.1	70.2	ا. تستا	70.4	70.4	70.5	70.5	70.5	70.6
≥ 3000	43.5	69.4	70.6	72.0	72.6	72.8	73.1	73.2	73.3	73.5 75.2	73.5	73.5	73.6	73.6	73.6	73.7
≥ 2000	45.4	73.7	75.5	77.3	78.0	78.1	78.6	78.8	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.4
≥ 1500	47.0 47.6	77.4 78.6	79.4	81.5	82.4	82.6	83.1	83.4	83.5	83.9	84.0	84.0	84.1	84.j	84.1	84.2
≥ 1000	48.1	80.2	82.7	85.4	86.8	87.2	87.9	88.4	88.5	89.6	89.2	89.2	89.9	90.0	89.4 90.0	90.2
≥ 800	48.2	81.2	83.6	86.4	1 2 3 3 5 6	89.9	90.8	90.2	90.4	91.0	91.3	91.3	91.5	91.5	91.6	91.8
≥ 500	48.3	81.4	84.4	87.9	90.7	90.7	92.7	93.6	92.7	93.7		95.6	96.0	96.1	96.2	96.4
≥ 400	48.3	81.5 81.5	84.7	88.2 88.2	91.1 91.3 91.3	91.9 92.1 92.1	93.2 93.3	94.4 94.4	94.5 94.8	95.8 96.3 96.3	96.5 97.1	96.5 97.2 97.2	97.2 97.8 98.0	97.3 97.9 98.1	97.5 78.1 98.3	97.7 98.2 98.5
≥ 200 ≥ 100 ≥ 0	48.3 48.3	81.5	84.7 84.7	88.2	91.3 91.3	92.1	93.3	94.4	94.8	96.3	97.3	97.4 97.4	98.4	98.5	98.8	

TOTAL NUMBER OF OBSERVATIONS

2389

USAF ETAC OLYA 0-14-5 (OL A) retivious contions of this form are nesoce

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and ennual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	1.ENTHS
0	0
2	3
3 4	4 5
5 6	5 6 8
7	9
8 (or obscured)	10

小常教育物。

SKY COVER

13921

(:

2

FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

SLL

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAN	ALL	27.4	3.8	4 • 1	3.3	3.0	1.8	3.0	3.7	4.5	3.4	41.9	5.7	12269
FEB		28.5	3.8	3.9	3.4	3.3	2 • 1	2.8	3.1	4.2	3.0	42.0	5.6	10712
HAR		23.0	3.2	3.7	4.0	3.4	2.4	2.9	4.0	5.2	3.7	43.9	5.1	11709
APR		23.4	4.3	4.3	4.3	3:3	2.7	3.0	4.0	5.3	4.3	41.3	5.0	11526
MAY		20.6	5.1	5.0	5.2	4.6	3.7	3.9	5.3	6.8	4.9	35.1	5.8	12091
JUN		19.6	5.7	6.1	5.7	5.4	4•1	4•1	5.7	8.2	5.7	29.7	5.6	12232
JUL		22.8	7.5	7.2	7.1	6.0	4.8	4.5	5.7	7.6	5.4	21.4	4.8	12398
AUG		28.5	6.4	7.1	6.8	5.5	4•1	3.8	4.8	6.9	4.3	21.8	4.5	12393
SEP		34.2	5.2	5.2	5.2	4:6	3.1	3.5	4.5	5,9	4.3	24.3	4.5	11993
OCT		39.4	5.3	5.2	4.4	3.7	2.6	3.3	3.8	5.0	3.4	23.9	4.2	12085
NOV		31.2	4.7	4.0	3.8	3.2	2.3	3.1	3.8	5.3	4.1	34.6	5.2	11405
DEC		27.5	3.7	4.2	3.7	3.1	1.8	2.7	3.3	4.5	3.3	42.2	5.7	11900
10	TALS	27.2	4.9	5.0	4.7	4.1	3.0	3.4	4.3	5.8	4.2	33.5	5.3	142713

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
JAN	00-02	36.4	3.1	4.0	3.1	3,1	1.5	3.1	2.5	2.5	1.3	39.5	5.0	150
	03-05	34.7	2.6	2.7	2.5	2.4	1.3	3.3	3.1	3.4	1.9	42.1	5.4	150
	06-08	25.6	3.8	4.5	3.0	3.0	1.6	2.3	3.8	4.7	3.8	43.9	5,9	1544
	09-11	20.1	4.3	3.5	3.8	2.7	2.0	2.7	4.1	5,8	5.0	46.1	6.4	1543
	12-14	20.6	5.4	4.3	3.0	2.8	1.5	3.0	3.1	6,5	4.7	45.0	6.3	154
	15-17	19.9	4.7	5.1	3.1	2.8	2.8	3.5	4.5	5.3	6.4	41.7	6.2	154
	18-20	27.0	4.3	4.4	3.9	4:0	2.3	3.2	5.5	4.6	2 • 1	38.8	5.5	154
	21-23	35.0	2.3	4.3	3.6	3.2	1.6	3.2	3.2	3.4	2.1	38.0	5.1	154
														
τo	TALS	27.4	3.8	4.1	3.3	3:0	1.8	3.0	3.7	4.5	3.4	41.9	5.7	1226

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13921

FORT LEAVENWORTH KANS/SHERHAN AAF

46-53,62-70

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STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVEP	OB\$
FEB	00-02	38.8	2.4	3.7	3.4	2.0	•9	1.9	1.5	3.3	1.6	40.5	5.0	1277
	03-05	39.0	2.3	2.7	2.5	2:9	1.3	2.7	1.9	2.2	1.9	40.6	5.0	1277
	06-08	25.0	4.1	4.5	3.7	3.7	2.2	2.9	3.0	4.7	3.5	42.7	5.8	1361
	09-11	19.0	4:7	4.1	4.2	4.0	2.6	2.7	3.5	5.3	3.7	46.2	6.3	1362
	12-14	18.5	5.1	5.1	4.0	4:0	2.9	3.0	3.6	5.0	4.6	44.2	6.2	1361
	15-17	20.8	6.0	3.6	3.5	3.3	3.3	3,6	4.4	5.7	4.2	41.6	6.1	1358
	18-20	28,9	3.4	3.8	3.4	3.5	2.5	3.3	3.5	4.6	2.7	40.4	5.6	1358
	21-23	37.7	2.6	3.5	2.7	3.1	1.4	2.1	3.4	2.5	1.8	39.4	5.0	1358
														·
10	TALS	28.5	3.8	3.9	3.4	3,3	2 • 1	2.8	3.1	4.2	3.0	42.0	5.6	10712

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

47-53,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAR	00-02	36.5	2.8	3.9	3.6	2.5	•6	1.6	3.0	2.8	1.9	40.9	5.1	139!
	03-05	35,8	2.2	2.7	3.8	2.7	1.5	2.0	2.7	2.9	1.1	42.7	5.3	139
	06-08	18.8	3.8	4.4	4.4	3.0	2 • 4	2.6	3.9	7.1	3.9	45.8	6.4	1488
	09-11	15.2	3.8	3.5	3.9	3.7	3.1	2.8	4.4	5.6	5.4	48.6	6.8	1488
	12-14	14.0	3.4	3.0	3.3	3.8	3.6	4.0	5.2	7.5	5.9	46.3	6.9	1486
	15-17	14.7	4.0	3.9	3.6	3.1	3.2	4.0	5.6	6.3	6.0	45.6	6.7	1487
	18-20	21.1	3.3	4.0	4.9	4.4	3.0	3.7	5.0	5.7	3.4	41.6	6.1	1484
	21-23	33.0	2.4	4.2	4.6	3,7	2.0	2.7	2.5	3,4	1.9	39.6	5.2	1486
το	TALS	23.6	3.2	3.7	4.0	3.4	2.4	2.9	4.0	5.2	3.7	43.9	6.1	1170

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

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FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
APR	00-02	38.3	2.9	3.:	4.2	3.2	1.7	1.9	3.9	4 • 1	1.8	34.8	4.8	1439
	03=05	32.7	3.7	4.1	4.2	2.4	1.5	2.4	2.5	4.6	2.4	39.5	5,3	1440
	06=08	19.2	4.9	4.5	3.8	3.3	2•3	2.6	4.0	4.9	5.8	44.8	6.3	1439
	09-11	17.9	4.2	2.9	4.3	3.4	2.3	3,3	4.4	5,5	5,3	46.4	6.6	1443
	12-14	13.0	5.5	4.2	3.7	3.5	3.9	3.5	5.0	7.2	6.2	44.2	6.7	1443
	15-17	13.3	4.3	4.3	3.9	3.7	4.4	4.2	4.5	8.2	6.4	42.7	6,7	1442
	18-20	18,1	5.0	6.0	6.0	3.6	3.4	3.2	3.9	5.8	4.5	40.4	6.0	1440
	21-23	34,4	3,5	5.1	3.8	3.4	2.1	2.8	3.5	2.4	1.6	37.2	5.0	1440
10	TALS	23.4	4.3	4.3	4.3	3.3	2.7	3.0	4.0	5.3	4.3	41.3	5.9	1152

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13921

FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L S.1.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAY	00-02	35.9	3.3	4.3	4.0	3.6	2.6	3.0	3.3	4.6	1.9	33.5	4.8	1512
	03-05	26.7	4.4	4.8	4.4	3,7	2.9	3.4	3.8	6.0	3.6	36.5	5.5	151
	06-08	17.2	5.6	4.1	4.3	3.4	4.0	2.9	4.1	6.2	5,7	42.6	6.3	1512
	09-11	13.5	6.0	4.8	5.0	4.6	4.0	3.8	4.6	7.5	7.5	38.8	6.4	151
	12-14	10.2	4.6	3.8	5.9	5.0	5.2	5.3	8.0	10.0	7.6	34.5	6.6	151
	15-17	10.4	5.9	5.5	6.0	6.8	5.3	5.4	7.7	8.4	6.5	32.0	6.7	1512
	18-20	18.0	6.3	6.7	6.3	5,9	3.4	4.3	6.2	6.3	4.4	32.1	5.6	151
	21-23	32.9	4.8	5.6	5.4	3.4	2.5	2.9	4.5	5.0	1.9	31.0	4.7	1510
10	TALS	20.6	5.1	5.0	5.2	4.6	3.7	3.9	5.3	6.8	4.9	35.1	5.8	1209

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

13921

FURT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1 .	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUN	20-02	34.4	5.8	5.6	5.0	4.1	2.9	3.0	3.9	4.8	1.7	28.7	4.5	1530
	03-05	20.9	5.3	6.1	5.8	5.8	4.3	4.1	5.4	6.0	3.3	33.0	5.5	1529
	06-08	14.9	4.5	6.2	4.7	3,6	2 • 6	2.5	5.0	8.9	8.6	38.3	6.4	1527
	09=11	14.5	6.1	4.8	5.2	4.9	4.3	3.9	5.6	9.6	7.5	33.4	6.1	1528
	12-14	13.5	3.9	4.1	4.0	5.4	6.4	6.1	7.1	11.3	8.1	30.1	6.3	1529
	15-17	12,6	4:6	7.1	8.1	8.3	5.6	5.6	7.1	9.5	6.1	25.4	5.7	1529
	18-20	18.0	8'.7	7.8	7.2	5,9	3.4	3.9	6.4	8.8	7.1	22.7	5.2	1530
	21-23	27.7	6.9	6.9	5.9	5.0	3.1	3.4	5.0	6.9	3.2	25.9	4.7	1530
	 													
τo	TALS	19.6	5.7	6.1	5.7	5.4	4.1	4.1	5.7	8.2	5.7	29.7	5.6	12232

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SKY COVER

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FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	00-02	39.3	5.3	7.4	6.7	4.2	1.8	2.9	3.5	4.5	2.7	21.6	3.8	152
	03-05	27.6	6.7	6.5	5.6	5,8	3.3	3.7	5.2	6.2	4.3	25.1	4.7	157
	06=08	19.0	6.0	5.3	5 •).	4.5	4.9	3 • 1	5.9	8.4	6.9	31.0	5.7	157
	09-11	16.8	6.9	5.8	6.1	5.8	6.1	4.4	6.4	9,5	7.4	24.7	5.5	157
	12-14	12.1	6.6	6.9	8.0	7.1	6.7	7.0	6.3	9.6	7.2	22.4	5.6	157
	15-17	13.1	7.5	7.6	9.9	9.4	7.0	5.8	7.0	10.5	5.5	16.7	5•i	157
	18-20	20.5	12.1	9.5	8.3	6.1	4.9	5.4	7.1	6.3	6.1	13.7	4.3	149
	21-23	33.7	9.1	8.8	7.1	5.2	3.3	3.5	4.4	5.9	2.9	16.1	3.7	150
10	TALS	22.8	7.5	7.2	7.1	6.0	4.8	4.5	5.7	7.6	5.4	21.4	4.8	1239

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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FORT LEAVENWORTH KANS/SHERMAN AAF

46-50,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MOITIN	(L.\$ T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
ΔUG	00-02	44.0	4.0	5.4	5.0	4.5	2.8	3.0	4.1	4.3	1.6	21.2	3.7	1519
	03-05	36.2	4.2	6.0	5.9	5.3	3.8	2.9	3.7	6.0	2•7	23.4	4 • 2	1578
	06-08	23.7	7.1	5.2	4.6	4.5	3.9	3.5	4.6	7.9	6,5	28.4	5.3	1581
	09-11	24.3	5.8	6.4	5.2	5.8	4.2	4.0	4.9	7.8	5.7	26.0	5.1	1581
	12-14	16.2	6.3	7.4	9.7	6.9	5.6	4.7	6 .9	8.9	6.3	21.1	5.2	1581
	15-17	18.3	7.5	8.5	9.6	6.8	5.7	5.5	6.5	8,6	4.8	18.3	4.8	1578
	18-20	26.3	8.8	9.9	7.3	5,1	3.4	4,3	4.8	7.1	5.4	17.6	4.3	1487
	21-23	39.2	7.7	7.7	6.7	5.1	3.6	2.6	3.0	4.3	1.6	18.4	3.5	1488
10	TALS	28.5	6.4	7.1	6.8	5.5	4.1	3.8	4.8	6.9	4.3	21.8	4.5	12393

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
SEP	00-02	46.3	4.9	5.0	3.9	4.3	1.6	2.5	3•6	2.7	1.9	23.5	3.6	146
	03-05	43.1	4.4	5.4	4.8	3.7	3•0	3•1	2.8	4.6	1.7	23.3	3.8	153
	06-08	28.4	4.7	5.1	5.1	4.0	3.8	4.6	4.5	7.7	4.3	27.9	5.0	152
	09-11	29.8	6.2	4.9	4.4	4.4	2.5	3.2	4.8	5.8	5.4	28.6	4.9	152
	12-14	24.8	5:7	6.1	5.8	6.1	3.7	3.2	5.2	7.7	6.3	25.4	5.j	152
	15-17	24.5	5.8	5.9	5.6	4.6	5.0	4.3	6.2	7.0	6.3	23.7	5.0	153
	18-20	32.8	5.8	4.5	5.8	5,6	2.7	4.2	5.1	7.0	5.3	21.2	4.4	143
	21-23	43.8	4:1	4.8	5.2	4.2	2.2	3.0	3.8	4.8	3.5	20.7	3.8	144
τo	TALS	34.2	5.2	5.2	5.2	4.6	3.1	3.5	4.5	5.9	4.3	24.3	4.5	1159

USAFETAC FORM 1JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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FORT LEAVENWORTH KANS/SHERMAN AAF

46-53,62-70

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PERCENTAGE FREQUENCY OF OCCUPRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SK1 COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(LST)	0	1	2	3	4	5	6	,	8	9	10	SKY COVER	OBS
OCT	00-02	53.5	4.6	4.0	3.2	2.9	2.3	2.8	2.1	2.6	.9	21.0	3.2	140
	03-05	51.1	4.2	4.1	4.1	2.1	1•5	1.9	2.3	3.1	1.9	23.6	3.5	1493
	06-08	33.8	6.2	6.6	5.3	3.2	2.5	2.6	3.5	5,9	3.8	26.5	4.5	155
	09-11	32.9	5.4	4.5	3.9	3.3	3.0	3.6	5.2	6.5	4.1	27.5	4.8	1563
	12-14	30.7	4.6	5.2	4.4	5.2	3.4	3.8	4.4	7.0	5.4	25.8	4.8	1562
	15-17	28.5	5.3	6.0	5.0	5.4	3.9	4.5	5.6	7.0	6.1	22.7	4.8	1563
	18-20	36.8	6.2	6.4	5.0	4:0	2.5	4.9	3.9	4.8	3.1	22.5	4.1	146
	21~23	47.8	5.5	4.4	4.4	3.3	2.0	2.5	3,1	3.2	2.2	21.6	3.5	147
														
το	TALS	39.4	5.3	5.2	4.4	3.7	2.6	3.3	3.8	5.0	3.4	23.9	4.2	1208

FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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FORT LEAVENWORTH KANS/SHERHAN AAF

46-52,62-70

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PERCENAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF "ENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTA	(L.S T.)	G	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
NOV	00-02	43.5	3.7	3.4	2.9	3.3	1•7	2.2	2.5	3.5	2.1	31.2	4.5	1397
	03-05	41.2	2.8	3 • 1	4.2	2.5	1.7	1.9	2.9	4.4	1.8	33.5	4.6	1383
	06-08	25.2	6.0	3.8	4.2	3.1	2•6	2.2	4.7	5.9	4.9	37.6	5.6	1438
	09-11	23.4	5.7	3.1	3.3	3.1	2 • 1	3.5	4.5	5.7	6.6	39.0	5,9	1440
	12-14	22.2	5.4	3.9	4.0	3.7	2•3	4.4	4.4	6.4	5.5	37.8	5.9	1440
	15-17	22.0	5.8	4.7	4.2	2.1	2.9	3.8	4.7	6•3	6.7	35.1	5.8	1440
	19-20	32.0	4.3	4.4	4.3	3.9	2.5	3.8	4.2	5.3	3.2	32.1	5.0	1434
	21-23	40.1	3.7	5.3	3,5	2.7	2.3	3.3	2.2	4.3	2.0	30.8	4.4	1433
10	TALS	31.2	4.7	4.0	3.8	3.2	2.3	3.1	3.8	5.3	4.1	34.6	5.2	11405

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDIT'S NS OF THIS FORM ARE OBSOLETI

SKY COVER

FORT LEAVENWORTH KANS/SHERMAN AAF 13921 STATION NAME

46-52,62-70

DEC

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HCURLY OBSERVATIONS)

MON-H	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO CIS
MON N	(L \$.T)	C	1	2	3	4	5	6	,	8	9	10	SKY COVER	OBS
DEC	00-02	57.1	2.4	3.8	3.4	3.2	1.3	2.0	2.7	3.8	1.7	38.7	5.0	1487
	03-05	36.6	2.4	2.8	2.8	3.0	1.5	2,6	2,6	3,5	1.3	40.9	5.7	1488
	06-0H	24.7	5.5	4.3	4.2	2.6	2•0	2.8	3.6	5.6	2.9	41.8	5.8	1487
	09=11	20.0	4.8	3.7	3.0	3.4	1.8	2.4	4.3	5.9	4.7	46.1	6.4	1487
	12-14	19.8	3.6	4.4	3.2	3.6	2.0	2.8	3.9	6.9	5.8	43.8	6.4	1488
	15-17	19.6	3.8	5.1	4.4	3,1	2.0	4.0	4.3	4.6	5.3	43.7	6.2	1488
	18-20	28.7	3.6	4.8	3.9	3.2	2.0	2.8	2.7	3.2	7	42.4	5.6	1488
	21-23	33.4	3.5	4.6	4.8	2.6	1.5	2.4	2.6	8	1.8	40.3	5.2	148
Υ/:	TALS	27.5	3.7	4.2	3.7	3.1	1.8	2.7	3.3	4.5	3.3	42.2	5.7	11900

FORM 0-75 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month
 and annual for all years combined. These tabulations provide the cumulative percentage frequency to
 tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and
 total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temp:rature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the raw counte of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
 - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (Gx). The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard devia lons These tabulations are derived fr hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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DAILY TEMPERATURES

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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2	95		t			. 4	7.9	19.8	17.1	4.4	. 1			4.4
λ	20		<u>1</u>		•7	4.3	1.15	46.1	41.0	17.7	1.			11.7
2	5.5			. 4	4.1	20.4	53.4	72.8	05.4	31.5	10.			22.n
	6.3		. 1	2.2	11.2	39.3	75.3	20.3	83.6	50.7	23.	. "		10 - 2د
<u>≥</u>	75		.4	7.5	22.5	59.1	88.2	27.5	94.7	70.6	40.1	2.9		41.0
≥	7,	. 4	1.4	13.5	39.5	74.2	95.5	99.8	98.9	85.5	56.5	10.4	. "	48.6
≥	6)	2.0	1.6	21.3	53.7	65.1	97.4	100.0	99.9	93.5	77.	17,4	4, ^	54.8
≥	07	5.4	7.0	25.0	69.2	92.8	99.1		100.0	97.6	blet	31.5	9.1	61.2
2	53	11.2	1	42.5	83.1	97.0	100.7			99.0	99.4	44.8	17.0	67.6
2	50	20.4	27.7	54.3	89.5	99.0				99.6	96.1	61.4		13.4
2	45	9•9د	41.1	05.4		160.0				100.0	99.4	75.9	19,4	79.3
[≥_	4.)	44.7	55.	77.4	99.3						99.7	r6.5	52.5	34.7
Σ	3.5	5 R . 8		69.8	100.0						100.0	94.7	_ / R. ~	99.5
2	30	/1.7		94.1								97.7	<u> </u>	94.5
≥	¿,	.0.6		98.3								97.0	91.6	96.0
≥	ر ع	57.9		99.6								100.0	96.1	98.4
2	1.5	14.1	99.6										98,1	99.3
≥	10	17.2	99.7		;								99.5	99,7
≥	5	39.1											100.0	99,0
≥	0	100.0												100.0
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-		27.2	42.4	52.0	65.5	79.5	84.2	88.6	87.2	70.4	70	53.4	41.1	64.3
-	MEAN S.D				11.3/7			6.854	7.445		11.17	11.219		21.2.7
\vdash	TOTAL OBS	794										700		9394

1210 WS JUL 64 0-21 5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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	TEMP (°F)	NAL	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
≥	£3									• 1				. ა
≥	6.7						. 3	. 2	.6					. 1
≥	7 ;					• 3	3.7	9.1	5.1	1.0				1.6
2	74				.4	5.8	16.7	35.2	25.7	5.1	• 4			7.4
Σ	65			• 1	1.2	9.7	45.5	63.3	53.9	17.6	2.5	. 1		16.6
≥	60			• 3	3.6	25.2	72.7	83.6	80.0	37.7	8.5	. 4		26.6
≥	り り			1.2	11.9	45.0	89.1	94.8	93.5	54.7	16.6	1.5	. 2	34.7
2	5.1		• 1	3.4	22.7	63.3	90.7	99.4	98.6	74.3	30.4	4.6	.0	41.8
≥	45	.4	• 6	7.4	39.5	80.6	99.5	99.9	99.8	87.8	48.7	17.4	1.0	48.8
≥.	40	. 6	2.2	10.5	58.1	93.1	100.4	100.0	100.0	96.4	07.0	20.9	4.1	55.5
≥	35	4.8	٤.,	28.3	76.9	98.6				94.8	84.4	35,5	9.3	07.4
V IV	33	7.3	11.9	37.4	84.5	99.2				99.2	89.0	44.5	13.4	66.0
≥	30	15.6	22.0	51.2	91.6	99.7				99.6	95.5	57.8	23.1	71.7
	25	31.7	42.7	70.3	97.5	99.9				100.0	98.4	79.7	44.6	89.6
Σ	20	98.7	62.6	34.1	99.6	100.0					100.0	91.7	65.5	37.7
<u>}</u>	15	62.2	1.9		100.0							97.1	79.5	92.4
≥ _	10	12.7	38.4	77.7								911.7	u7.5	95.4
≥	3	11.7	93.9	98.3								99.5	93.2	97.4
λ	3	11.1	91.2	99.4								100.0	96.9	98.8
≥	- 5	35.8	99.7										99.1	99.5
≥	-10	28.4											99.8	99.8
≥	-15		100.0	100.0									100.0	100.0
2	-20	39.9												100.0
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_	MEAN	17.1			42.1			66.1	64.A	55.7	44.6	31.9	22.2	42.6
	\$.D.	12.187			7.524		6.764	6.476					11.776	19.5 16
	TOTAL OBS.	794	713	775	750	783	777	804	837	779	A ₄ , ()	700	805	9394

1210 WS JUL 64 0-21-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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	TEMP. (°F)	JAN.	FEB	MAR	APR.	MAY	אטנ	JUL.	AUG.	SEP.	ОСТ	NOV.	DEC	ANNUAL
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≥	0.7					. 1	4.4	12.9	3.2	1.2				2. 7
≥	<u>" نا</u>				• 1	2.9	15.4	40.9	32.3	٦.،١	. 3			a .c
≥	71				1.3	12.3	49.5	69.3	59.5	27.5	3.1			10.6
2	71			• 4	5.2	31.4	76.0	39.7	86.0	41.4	10.4	• 3		29.0
≥	65			1.3	13.1	50.7	90.6	98.4	96.8	64.8	24.7	1 . 4		37.4
≥	60		• 1	6.5	30.5	69.9	97.7	99.9	99.8	84.4	42.4	π , η	• "	45.3
Σ	55	. 3	1.7	13.2	47.3	85.2	99.4	100.0	100.0	92.0	74.1	12.3	1.5	52.1
2	5()	1.8	7 . 4	22.3	65.7	95.9	100.0			90.1	70 N	77,5	4.2	7.5
≥	45	5.9	1: .2	36.3	83.2	99.0				90.6	91.4	47.5	19.7	65.3
≥	417	16.5	24.9	52.8	92.9	99.9				100.0	94.1	03.1	24.2	73.0
≥	33	30.0	42.7	09.3	99.1	100.0					99,3	61.5	12.7	30.6
≥	30	49.9	61.3	હેવે. છ	100.0						160.	92.8	60.2	87.5
2	2 <u>5</u>	J3.1	77.3	93.2								96.4	16.7	92.3
Σ	20	72.9	89.4	96.9								30.3	e7.7	95.4
_≥	15	117.9		98.8								99,7	93.7	97.3
_≥	10	20.2		99.7								107.0	96.6	90.7
≥	5	₹5.8											99.1	99.5
2	<u> </u>	98.2		100.0									100.0	99.A
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	MEAN	27.3											₹1.8	53.1
_	S.D		10.105					5.966		8,654				19.972
	TOTAL OBS	794	715	775	750	783	77?	804	837	770	8.30	780	805	9394

1210 WS JUL 64 0-21 5 [Det 50] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13921 FURT LEAVENHURTH KANS/SHERMAN AAF 38-53, 62-72

WHOLE DEGREES FAHRENHEIT

MOLITH YEAR	JAN	7	FEB		MAR	APR		MAY	אטן.		וטנ	A	ug.	SEP	ост	·,	2	ov.	ι	EC.	MOM	
38				1			-						101	98		94		82		61		
39		7 2	6	$1f{1}_{-}$	84	8	5	96	95	_	108		_27	107		98		75		74	İ	10
40		42	6	3	86	9	1	89	95	ĺ	102		99	95		89		74		67		10
41_		59	5	7		8	1	92	95	_	102		100			85		76		67.		
42		63	5	8	76		1	89	93		97		98	93	I .	85		79		54	ĺ	9
43		62		4	83		2	89			98		98	- 21		84		_72		52		9
44		66	7	2	65	7	7	93	97		95		99	93		84		77		47		9
45		56	6	6	81	8	1	88	91	<u> </u>	99		98	97		84		80		60	ļ	9
46		54	* 6	9		l	*	82	101	1	103		101	91	1	83		68		72		
47		65	6	8	7.7		6	87	92	*	105		106	110	L			66		66		
48		58	7	2	77	,	8	87	96		97		100	95		80		73		61	ļ	10
4.9		.60		9	7.9		7	8.8	95	<u> </u>	98		97	89		88		80		67	ļ	9
50		67	6	4	78	9	0	93	97	1	90		89	90		89		79	l	65		9
5.1		70	7	3	76		6	92	90		96		98	89	+	88		_70		67		9
52		65	6	4	74		5	92	102		104		96	95	1	88	İ	79		60	l	10
53		63	6	4	81		0	95	1.05		_102	L	103	103	+	94					 	
62	*	49		5	82		6	92	92		95		101	91	•	89	ļ	70		67	[] }	10
63		_61		5	82		3	90	100		99		100	96		94		76		66	 	10
64		70		9	71		6	92	92		102	Į	101	91		81		80	l	64		10
65		6.7		8	65		9	86	91	1	96		96	90		<u>86</u>		77	<u> </u>	68	*	- 9
66	#	54		- 1	# 85		9	90	95		100	l	94			84	į	75		62]	10
_67		69		1	83		8	93	87	+	<u>97</u>		92	86		87		68		61	 	9
68		61		7	84		1	89	95		94	ļ	94	90		85	#	73		65		9
69	·	55		2	75		9	88	96		99		96	93	+	89	<u> </u>	74		<u> 58</u>	!	9
70	i	62		5	79		3	91	96	ı	102		100	94		83	۱	67	١	67	l .	10
71	<u></u> _	56		7	7,5		17	91	100	_	101	#	102			88		74		_60	11	10
72	#	60	# 8	2	# 86	# 9	1)	# 88	il 96	#	97	#	96	# 93	K	84	#	68	*#	65	H	9
				_														e verta espera.				
MEAN	6	1.1	65	7	78.0		0	90.1	95.3		99.2		38.2	94.0		• 2		4.3		3.8		99.
S D	6.	922	6.73		5,709	4.39	7	3,019			.906	3,	534	5,632	4.2	87	4.	611	5.	485	1 2	.93
TOTAL OBS	1	794	71	5	77!	7	0	783	772	1	804		837	779	B	00		780		805		939

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST DNE DAY < 24 OBS)

USAF ETAC FORM 0-88 5 (OLI)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-53, 62-72

WHOLE DEGREES FAHRENHEIT

YEAR .	NAL	FEB	MAR.	APR.	MAY	NUL	JUL.	AUG	SEP.	ост.	NOV	DEC	ALL MONTHS
38	_							57	28	25	6	8	
39	5	-1	3	17	36	49	57	49	33	21	18	1	-1
40	-20	0	16	21	35	48	50	52	33	34	3	8	-20
41	5	13	13	34	40	51	56	56		26	13	14	
42	-7	5	21	28	33	45	57	55	29	20	16	9	-
_43	-15	7	-7	26	40		58	50	40	26	15	-10	-1
44	4	-12	15	19	30	44	50	48	45	32	12	2	-1
45	4	13	5	25	33	41	52	50	41	28	19	-13	-1
46	2				* 36	45	51	47	35	31	15	-5	
_47	-22		2	28	35	42		65	42		15	12	
48	-10	-4	-11	24	38	48	57	52	45	24	18	-12	-1
49	11	0		25	43	56	<u>58</u>	50	34	27	20	6	-1
50	0	10	10	20	33	45	50	44	38	36	9	-3	-
		-13	10	24	3.8	49	54	55	37	32	14	-4	-1
52	4	17	3	26	37	49	53	53	40	20	2	6	
53	0	11	16	26	37	59	50	53	36				
·	* -6	-5	-6	26	42	54	55	55	41	32	24	-7	-
63	-10	6	19	34	30	55	57	53	43	30	21	-5	-1
64	-1	9	11	29	45	47	57	50	38	28	4	-2	-
65	-4		10	33	43	56		56	39	32	12	16	
66	# -10	# 5	# 13	26	35	49	62	49		27	18	0	# -1
67		2	-6	23	33	46	50	44	32	27	19	-3	-
68	-14	5	14	23	31	48	48	56	43	# 32	# 16	-8	-1
69	-4	-3		34	38	49	58	57	43	21	18	8	-
70	-4	. 5	17	20	35	52	49	52	37	28	9		-
71	-15	-10	13	24	29	56	49		# 37	# 31	# 15		
72	# 13	# O	# 15	# 27	# 24	# 50	# 44	# 52	# 31	# 23	# 22	*# 1	# -1:
MEAN	-5.4	2.9	8.4	25.7	35.7	49.3	53.5	52.1	37.9	27.9	14.3	1.7	-8.
S D	7.991	7.982		4.634		4.569		4.452	5.011	4.534	5.865	8.484	5.56
TOTAL OBS	794	715		750	783	772	804	837	779	800	780	805	939

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OU)

12 2 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 FORM 0.26 5 (OLA)

PSYCHROMETRIC SUMMARY

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ALL

				•											,,,,,,,					wo.	
																		PAG	E 1		LL (L. S. T.)
Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION ((F)						TOTAL	 	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109		1	1	1	1 1	1 '	i j	1	1 '		í '			,	ļ	ļ,	,0	2	2	, 	
108/107		<u> </u>	ļ		 /	 '	<u> </u>	·	<u> </u>	<u>↓'</u> '	! '	1	<u> </u>	<u> </u>	<u> </u>	-0	0.0	3		<u></u> '	1
106/105		1	į i	'	1	1		i F	1	1	.0	ń	. 0	0 0		.0	.0	19			!
104/103		<u> </u>	<u> </u>	<u> </u>	1	 !			<u> </u>	<u> </u>	L'	.0) 0	.0	0 . 0	0.0	2 0	28	28		
102/101		1 1	į i	į l	1	1		1 1	1 '	.0	.0							109			
100/ 99		+	i —'	+	↓	! '		ئـــــا	. 0)Q	<u>, Q</u>		-	0		0	0 0	253			1
98/ 97			1	1 1	()	1	• 0			0				• 0		.0	.0				
96/ 95		+ -'		+		-0						.0		4.0		0 •		829			1
94/ 93		'	1	• 0		1 *1			.1	. 1	• 1	1 1								1 :	1
92/ 91		₩ '	• 0		• 0			. 2	. 2	. 1	. 1	.0									<u></u>
90/ 89	• 0	į	,	•0	1 . 1		• 2	• 3	. 2	1	• 1			• 0	• 0		4 '	2571			1
88/ 87		 '	.0			. 2	• 3		. 2	. 1	• 1					+	<u> </u>	3077			1
86/ 85			• 0			• 3			. 2	.2	• 1						1 '	3823			
84/ 83		•0				.4	• 3	• 3	.2	2 .2	• 1						 '	4297			
82/ 81		၂ • ၀			. 4	.4	• 4	• 2	, 2	. 2	• 1						1 '	4949			
80/ 79	<u>•0</u>	9 • 0			.5			• 3								·—_'	 '	5947			
78/ 77	• 0	.1	• 4				•3	• 2	. 2	• 1	• 1				1 1	(I	1 ;	6366	1 1		
76/ 75	0		6. k				• 3	•2	• 1							↓	 	6985			
74/ 73	•0	T ₁				• 3	• 2	• 2	.2	1 و	• 1				1 1	j 1	1	7330			
72/ 71	1			5	4	•3	• 2	• 2							 ;	لــــــــــــــــــــــــــــــــــــــ	1	7937			
70/ 69	• 1	1 1.0			1 7		• 2	• 2	• 1	•1	• 0		1 1	1	1 1	I = I	1 1	8369		10034	9410
68/ 67	. 1			.5	.4	• 3	•2	•2					+	 -			\longleftarrow	7995			
64/63	,1					·2 ·2	•2	• 2					1	1 1	f i	1 1	į 1	7693			
62/61	. 2					.3	•2	• 2				+	₩-	-	1		1	7082	1		
60/ 59	• 1			4		.3		•2	.1	0	.0		1 1	1 1	1 1	į J	1	6695		1	
58/ 57	<u>• </u>											 	 	$\overline{}$	 	 i		6726		8183	
56/ 55	- 1			4		• 3					i = 1	1 '	1 3	1	1 1	1 1	1 1	6248		7571	
54/ 53		1 .7	.5	-4				• 1					-					6077			
52/ 51				4		.3	• 2			j l	1 1	1 '	į 1	1		i = 1	(J	5637	5651	6594	
50/ 49	.2	2 .7						•0					 		 		 	5739			
48/ 47	• •	1 .7		.5		• 3				1	1	1	1	. 1	1	i 1	()	6002		, ,	
46/ 45		7			.3	.2		•0							├			5409		6454	
44/ 43	. 1	1 8							1 1	1 !	, 1	1 1	1		1	, J	(J	5836 5651		6481	
Element (X)		Zx2		1	z _x		X X	₽ 2		No. Ob					<u></u>					6445	2012
Rel. Hum.		<u>~x</u>			<u>, y</u>	+	*		-	NO. 00.	+	101	- ,	- 20 5				h Temperat		=	
Dry Bulb				t		-			+			- 20,		± 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F		Total
Wet Bulb				!		-			-+-						 			 		l	
Dew Point				<u></u>									-		-			 		_,	

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWOPTH KANS/SHERMAN AAF 37-53,62-72
STATION STATION NAME
PAGE 2 ALL HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8							21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Point
42/ 41	. 2	. 8	.7	•6	.3	• 1	•0										T	5715		6497	
40/ 39		. 8			. 2							l i		ĺ					6195	6702	
38/ 37	. 2	1.0			.1												1	5968		6810	
36/ 35	2	1.3	. 9		. 1	• 0													6771		
34/ 33	. 3	1.5			, 1													6905	6922	7513	
32/ 31	. 3	1.5	. 8	. 7	.0	• 0]				6380			
30/ 29	.3	1.4		• 2													1	5806	5816	7238	
28/ 27	3	1.3	5	. 1	.0									1			ı	4887	4898		
26/ 25	. 3	1.1	. 4	• 1	.0													4358	4370	5283	7534
24/ 23	2	1.0		0													1	3690	3697	4486	
22/ 21	. 2	. 9	.3															3087	3088	3757	5712
20/ 19	-2	.7	. 2	• ()						L							<u></u>	2485	2494	3261	3718
18/ 17	.2	.6	• 2.	•0														2075	2085	2466	4374
16/ 15	الغ	• 6	. 1	.0								<u> </u>						1702	1706	2078	
14/ 13	. 1	. 5														i		1342	1345	1636	
12/ 11	•1	.4	•0															1218	1218	1403	
10/ 9	. 1	. 4												!		į	1	1048	1049	1218	
8/ 7	1	• 3								! 							ļ	873	874		1982
6/ 5	• 1	. 2		i						ļ								705	706	861	
4/ 3		2												ļ			<u> </u>	523	529	627	
2/ 1	.0	• 1	• 0	i														362	363	418	
0/-1																	<u> </u>	308	308	375	949
-2/ -3	• 9	. 1		' i		i		:										205	205	221	590
-4/ -5	9	•0															 	180	180	215	757
-6/ -7	. 0	• 0																102	102	112	548
-8/ -9	Ω_																	60	60	62	400
-10/-11	• 0	.0															1	44	44	53	258
-12/-13	مِـ ـ	0										 -		 				22	22	23	212
-14/-15	.0	.0						İ				1 1		1				9	9	13	145
<u>=16/=17</u>	0									ļ		├ ──┤					 	4	4	4	146
-18/-19	.0																	3	3	3	76
-20/-21												 					 	4	4	4	<u>51</u> 29
-22/-23	• 0																	1	î!	1	
=24/=25 Element (X)	— 	E X ?			Σχ		-			No. Ob		لـــــــــــــــــــــــــــــــــــــ			11	1/ **		·			21
Rel. Hun.		- X.			~ X		<u>x</u>	" x		NO. UB	•-		-	- 20 E				h Temperat			rasal
Dry Bulb												= 01		: 32 F	≥ 67	<u>- '</u>	73 F	> 80 f	→ 93 F	<u> </u>	Total
Wet Bulb															<u> </u>			 	-		
Dew Point															<u> </u>			 -	+		
DEM LOINT								L			لــــــــــــــــــــــــــــــــــــــ							1			

(C 1024 0.26-5 (OLA) 1874

SAFFIAC FORM

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC ALL FURT LEAVENWORTH KANS/SHERMAN AAF 27-53,62-72 PAGE WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 dulb Dew Pour -26/-27 -28/-29 -30/-31 -32/-33 -34/-35 -36/-37 TOTAL 6.030.619.212.6 8.5 6.7 5.2 4.0 3.0 1.9 1.2 • 0 C (OL A) No. Obs. Mean No. of Hours with Temperature 37.61657.92895.01946.61033.5 117.1 43.42065.41820.0 711.5 46.6 168.82916.21224.0 239.6 5.2 15639031 12035504 10779446 222201 222922 222227 1178693729 752013596 70.418.734 54.021.414 48.518.647 8760 8760 600142864 Wet Bulb 8760

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENHORTH KANS/SHERMAN AAF 38-53,62-72 TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point 70/ 69 68/ 67 66/ 65 70 64/ 63 62/ 61 58/ 57 54/ 53 50/ . 2 46/ 45 38/ 32/ <u>31</u> 30/ 29 972 77.2 18/ 2.6 14/ 2.1 2.1 8/ 6/ 1.6 Element (X) Dry Bulb Wer Bulb

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

Total

744

744

≥ 67 F ≥ 73 F

and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s

FURT LEAVENWORTH KANS/SHERMAN AAF 38-53.62-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Port 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 260 2/ 235 513 0/ -1193 193 415 134 . 3 137 270 134 +2/ -3 150 124 -6/ -7 66 73 307 -8/ -9 40 246 -10/-11 159 34 34 135 =12/=13. .0 -14/-15 89 =16/=17 =16/=19 . 0 -20/-21 20 -22/-23 16 -26/-27 16 -28/-29 -30/-31 -32/-33 -36/-37 TOTAL 14.450.818.7 8.8 4.1 18618 18666 18619 18618

No. Obs.

18618

18666

18619

18618

± 32 F

24.8 473.2 28.8 540.3 91.3 637.7

72.015.847 27.214.059

1340102

508496

461164

õ 0.26.5 FO.2M

Element (X)

101134354

17541549 144360: 8

Rel. Hum.

Dry Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Por 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 21 82/81 80/ 79 78/ 77 76/ 75 74/ 73 74/ 73 72/ 71 70/ 69 • 0 66/ 65 64/ 63 62/ .0 • 1 60/ 59 58/ 30: 56/ • 1 50/ 48/ 46/ 40/ 38/ 1330 1332 34/ 1208 1208 24/ 23 22/ 21 .5 2.5 20/ 18/ 17 No. Obs. Element (X) Rel. Hum. Dry Bulb Wet Bulb

U DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN ASE 37-53,62-72 FEB MONTH PAGE 2 ALL HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 435 333 335 336 630 14/ 13 , 2 292 292 632 289 220 231 231 408 10/ 184 184 158 101 439 101 6/ 5 .0 2/ 50 50 48 215 38 0/ 38 21 22 16 19 -3 142 -21 109 67 5 45 29 14/-15 25 -20/-21 -22/-23 -24/-25 -26/-27 -30/-31 -32/-33 16677 16655 10.142.723.811.5 5.9 3.1 1.6 16655 16655 ã 0.26-5 (OL No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 87094877 1168277 70.117.577 10F ± 32 F ≥ 67 F ≥ 73 F Total 19435251 15600924 10863530 530947 477530 31.812.321 28.710.707 16677 Dry Bulb 356.2 5.1 432.0 16655 Wet Bulb 672 16655 672 Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | ≥ 31 | D.B./W.B. 18/ 17 16/ 15 226 166 .0 113 75 14/ 13 113 10/ 39 39 23 25 61 83 10 11 10 -6/ -7 • Q -8/ -9 -10/-11 -18/-19 -20/-21 -22/-23 -24/-25 6.331.722.114.0 8.7 6.5 4.2 2.7 1.5 1.0 .6 18305 18304 18303 ŝ No. Obs. Element (X) Mean No. of Hours with Temperature 18303 18324 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 8838028 33996298 25968704 Rel. Hum. ≤ 32 F 1224828 66.919.379 219.5 Dry Bulb 40.614.308 656590 18304

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 508 14 315 18/ 17 10/ 6/ 2.821.518.815.510.8 9.2 7.3 5.4 3.6 2.3 1.4 .8 18229 18229 Element (X) No. Obs. Mean No. of Hours with Temperature 84456902 56606197 64.920.629 54.212.667 47.6 9.880 Rel. Hum. 22.4 131.8 47.0 13.7 Dry Bulb 720 867392 18229 43052662 Wet Bulb 720

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR HEATHER SERVICE/HAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 96/ 95 94/ 93 92/ 91 90/89 88/ 87 212 C 86/ 85 373 373 84/ 83 466 466 .0 • 0 562 82/ 81 563 80/ 691 691 77 j 771 78/ 77 165 315 76/ 75 080 880 929 929 73 741 72/ 71 1003 1003 1097 1097 1003 935 1184 1184 1251 1251 68/ 67 1175 66/ 65 1151 1151 64/ 63 1147 62/ 61 1143 1604 1097 1498 59 60/ • 1 1095 58/ 1012 1013 1608 882 884 1431 56/ 55 541 53 749 660 1263 1039 51 1328 52/ 659 1266 821 1157 47 461 853 43 328 330 42/ 210 215 433 142 76 39 138 252 40/ 710 38/ 37 36/ 35 87 34/ 33 23 22 195 32/ 31 11 12 Mean No. of Hours with Temperature Rel. Hum. ≥73 F ≥ 80 F Dry Bulb Wer Bulb

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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 - 10 11 - 12 13 . 14 15 . 16 17 - 18 19 - 20 21 - 22 23 . 24 25 . 26 27 - 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 18/ 17 TUTAL 19103 4.321.116.813.610.8 9.0 7.3 6.0 4.7 3.0 1.9 19133 19102 19103 æ ξ 0.26.5 Element (X) 98427840 82231629 64906539 1317206 1234403 1100881 19103 19133 19103 Rel. Hum. 69-019-950 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 57.6 8.755 .7 324.7 197.0 1.6 124.7 21.0 83.8 Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWOPTH KANS/SHERMAN AAF 37-53,62-72 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 Wet Bulb Dew Po 106/105 104/103 102/101 15 100/ 99 40 54 131 98/ 97 131 96/ 95 206 94/ 93 206 92/ 91 318 318 527 90/ 89 697 697 814 894 814 86/ 85 84/ 83 894 1046 1046 86 80/ 79 78/ 77 1199 1199 282 1285 1285 1333 1333 140 289 1251 1252 1276 1278 1661 2005 74/ 73 72/ 71 716 1307 70/ 69 1432 1438 2252 1443 2108 68/ 67 1243 1244 2032 66/ 65 1774 2091 958 960 64/ 63 1221 1627 707 708 62/ 61 1074 <u>62</u>8 60/ 59 629 1390 58/ 57 371 372 786 1162 870 258 258 147 339 685 54/ 53 147 126 90 91 166 350 50/ 49 93 293 48/ 47 46/ 45 44/ 43 205 103 42/ 41 58 Mean No. of Hours with Temperature Element (X) Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

																		PAG	E 2	HOURS (1	
Temp						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL	_	TOTAL		
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8		11 - 12						23 - 24	25 - 26	27 - 28	29 - 30	× 31		Dry Bulb	Wet Bulb		
38/ 37 36/ 35																					1	
TOTAL	3.0	21.9	17.3	13.	11.0	9.3	8.0	6.0	4.5	2.7	1.6	• 6	• 3	•1	• 0	• 0		18567	18583	18567	1	
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Element (X)		103905206		-	2 x 1351894		<u>x</u>	- F	<u> </u>	No. Obs.				1	Mean No. of Hours wil				ture			
Rel. Hum.	1						72.817.1		59 1856					≤ 32 F	≥ 67 F ≥ 73 F		≥ 80 F	≥ 93	F	Total		
Dry Bulb	102519263			1367975		73.6 9.8		88	88 18583					541	.5 3	380.4	209.7		.6			
Wet Bulb Dew Point		83802347 75475085			1241075		63.4 7.0		47	7 18567 5 18566		-			398.4 151.6 270.1 46.3					-+-		

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 108/107 106/105 104/103 102/101 100/ 99 109 109 240 240 98/ 97 322 491 324 491 651 92/ 91 867 868 970 970 84/ 83 1168 75 76/ 1500 1503 71 72/ 1218 986 68/ 67 568 1231 570 64/ 63 389 880 293 296 405 849 92 207 56/ 627 52/ 51 31 50/ 49 46/ 45 44/ 43 Element (X) Mean No. of Hours with Temperature 267 F | 273 F | 280 F | 293 F Rel. Hum. Dry Bulb

DATA PROCESSING BRANCH 2 USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENHORTH KANS/SHERMAN AAF 37-53,62-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 · 31 1 · 8 19 · 9 16 · 9 12 · 5 9 · 9 8 · 8 8 · 2 7 · 3 5 · 8 4 · 2 2 · 5 1 · 3 · 6 · 2 · 1 · 0 · 0 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 19458 19429 TUTAL 0.26-5 (OL A) FOEM No. Obs. Mean No. of Hours with Temperature Element (X) 1378926 1509135 1357826 71.017.898 Rei Hum. 104093884 19428 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 651.7 510.7 309.7 47.3 546.0 268.1 22.4 412.8 101.9 2.5 118827501 95565414 86088229 Dry Bulb 19458 69.9 5.901 19430 Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 2 **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERHAN AAF 37-53,62-72 €. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 106/105 104/103 102/101 29 100/ 99 98/ 97 88 88 193 291 94/ 93 396 396 92/ 91 523 525 90/ 89 702 702 . 0 88/ 87 732 86/ 85 915 84/ 83 1063 82/ 1079 81 1080 80/ 468 77 78/ 1227 1229 76/ 75 1719 74/ 73 1434 2016 70/ 1590 1594 2515 1253 1253 2168 69 68/ 67 1054 66/ 65 754 64/ 63 754 62/ 61 1.9 579 579 1091 42! 1386 58/ 57 55 516 247 247 1072 56/ 328 53 89 89 166 463 52/ 51 77 33 77 50/ 49 39 39 58 183 48/ 47 46/ 45 44/ 43 36 Element (X) Rel. Hum. Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIF HEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERHAN AAF 37-53,62-72 () PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 . -20 21-22 23-24 25-26 27-28 29-30 = 31 38/ 37 36/ 35 34/ 33 30/ 29 3.623.3:6.912.2 9.1 8.2 7.4 5.7 5.1 3.6 2.5 1.2 19106 19096 19092 19097 9 Element (X) No. Obs. Mean No. of Hours with Temperature 72.818.501 73.0 9.918 68.5 6.252 1389239 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Pel. Hum. 107628155 19091 610.2 438.0 256.9 39.0 483.3 209.8 15.5 .0 354.0 77.1 1.7 90449509 19106 19097 1308839 We Bulb 81687963 1242699 19096

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 O PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wei Bulb Dew Poir 110/109 .0 108/107 106/105 104/103 102/101 100/ 99 98/ 97 • 0 49 96/ 95 93 .0 128 . 0 92/ 91 • 0 179 181 90/ 89 304 313 88/ 87 328 343 86/ 85 • 0 • 0 368 379 84/ 83 459 464 82/ 81 • 1 541 • Q 537 79 80/ 766 .0 758 78/ 77 • 1 • 1 836 852 188 900 905 462 73 1002 1016 1159 69 70/ 1248 1024 68/ 67 1183 1196 66/ 65 • 1 1206 1221 1537 64/ 63 1224 1234 1626 62/ 61 1015 1023 1364 • 0 1006 1012 1498 1337 59/ 57 1325 2.2 841 841 1339 55 795 795 1286 53 õ 632 632 1012 51 581 58ì 50/ 49 468 468 1186 48/ 47 387 387 539 46/ 45 1.1 308 308 468 <u>44/ 43</u> 186 186 320 Element (X) No. Obs. Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 42/ 41 40/ 39 202 440 61 81 101 332 45 83 230 45 38/ 37 121 29 41 36/ 35 34/ 33 .0 11 11 23 105 68 32/ 31 30/ 29 26/ 25 24/ 23 12 22/ 21 20/ 19 TOTAL 18473 18646 5.128.417.111.4 8.1 7.0 6.3 5.5 4.4 2.7 1.8 1.0 18474 18474 No. Obs. 1345327 1252594 1121865 72.819.846 67.212.006 60.7 8.816 105255981 86833768 69562987 18472 ≥ 67 F = 73 F = 80 F = 93 F 18646 18474 373.7 234.1 112.7 208.2 55.9 .7 Dry Bulb .8 208.2 720 Wet Bulb Dew Point

DATA PRUCESSING BRANCH USAP ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 DCT HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 575 91 158 100 331 59 25 38 38 313 35 2 21 22/ 21 • 0 201 18/ 16/ 15 14/ 13 12/ 3.826.417.913.0 9.3 8.4 6.0 4.9 3.9 2.7 18942 18752 18756 18757 ತ 0.26.5 1281710 1086947 956395 68.420.951 57.413.101 51.010.118 95840386 18751 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 189.6 103.4 744 Dry Bulb 65623005 18942 15.0 5068:371 18757 744 Wet Bulb 41008748

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/HAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 78/ 72/ 70/ C 56/ C 1041 1298 824 1061 1636 675 968 1070 26/ Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 215 .0 81 201 .0 39 39 35 125 10/ 33 21 122 19 8/ 6/ 104 2/ 0/ -2/ -3. -6/ -7 -8/ -9 -12/-13 -14/-15 TOTAL 18212 18141 5.834.023.514.6 8.9 6.0 3.8 2.1 8141 ತ No. Obs. Mean No. of Hours with Temperature 1277666 770483 689604 587542 95803684 35512459 28277874 70.417.895 18139 42.312.654 162.4 226.7 383.3 Dry Bulb 18212 18141 720 720 Wet Bulb

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SERVICE/HAC 13921 FORT LEAVENHORTH KANS/SHERMAN AAF 37-52,62-72 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 165 166 182 435 145 131 135 99 258 67 2/ 67 68 126 49 .0 12 13 -61 -8/ -9 42 -12/-13 =14/=15 =16/=17 -18/-19 -20/-21 -22/-23 -24/-25 -32/-33 18916 18846 11.447.921.110.1 5.1 2.3 1.3 18851 ಠ 0.26.5 No. Obs. Element (X) Mean No. of Hours with Temperature 106214432 21736023 17834475 73.316.217 31.512.613 28.711.164 18846 18916 ≥ 67 F | ≥ 73 F ≥ 80 F ≤ 32 F 7.0 407.9 Dry Bulb 7.8 485.3 32.6 597.4 540285 18851 Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 64/ 63 C 60/ 59 58/ 57 .0 56/ 55 C 51 49 26 • 0 26 56 56 39 40/ 101 2.2 100 35 163 163 159 159 191 139 139 28/ 132 132 0 114 121 100 23 114 96 100 110 3.5 0 100 <u> 10î</u> 2.4 88 67 65 67 67 67 12/ 2.4 63 10/ 59 2.2 58 58 56 2.1 49 66 0/ 52 Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb

T DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 20 **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B./W.B. Dry Bulb Wet Bulb Dew 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 20 62 34 -8/ -9 -12/-13 15 -18/-19 -20/-21 -22/-23 -24/-25 2223 19.761.213.1 4.5 1.1 2229 TOTAL 2224 2224 ತ No. Obs. Element (X) Mean No. of Hours with Temperature 13527997 1690813 1474523 2223 57.9 75.1 Dry Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 50/ 89 157 119 97 97 53 50 -2/ No. Obs. Mean No. of Hours with Temperature Dry Bulb Wes Julb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53362-71 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin ÷6/ -7 20 18/-19 -20/-21 -22/-23 -26/-27 -28/-29 -30/-31 TOTAL 24.558.213.2 3.2 2226 2226 2226 õ No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 13854450 77.812.978 1586327 1402745 71.0 76.5 Dry Bulb 23.113.333 2231 2226 Wet Bulb 6.1

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | \$2.31 | D.B./W.B. Dry Bulb Wet Bulb Dew Poir WET BULB TEMPERATURE DEPRESSION (F) 64/ 63 .0 62/ 61 60/ 59 58/ 57 56/ 55 •0 .0 52; 51 48/ 15 14 20 44/ 43 40/ 39 36/ 35 32/ 31 141 100 143 28/ 27 173 173 182 183 23 130 109 130 108 2.4 19 20/ 101 93 114 115 111 16/ 15 94 .8 2.6 9 2.6 92 12/ 11 80 83 10/ 70 83 7 2.3 8/ 70 80 47 0/ -1 49 Element (X) No. Obs. lean No. of Hours with Temperature Rel. Hum. : 32 F Dry Bulb Wet Bulb

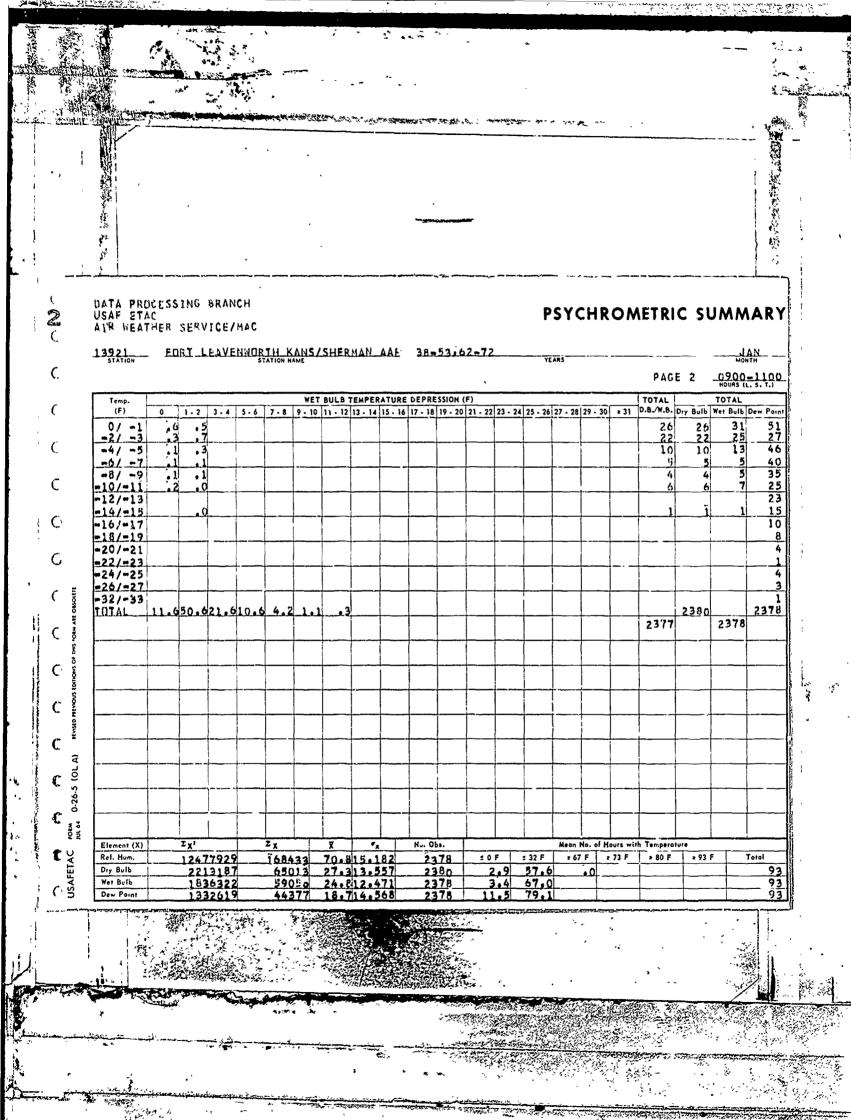
DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 ... FORT LEAVENWORTH KANS/SHERMAN AAF 38=53:62-72 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wer Bulb Dew Temp. -4/ -5 64 11 12 .0 37 8 -10/-11 -12/-13 20 -14/-15 16 20 -16/-17 .0 1 -18/-19 -20/-21 -22/-23 -24/-25 -26/-27 -28/-29 -30/-31 TOTAL 2346 25.258.712.4 3.2 • 0 2360 2346 2346 0.26.5 (OL FORM JUE 64 Element (X) No. Obs. Mean No. of Hours with Temperature 182588 52755 Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 14591106 77.812.736 2346 4 0 F 72.3 Dry Bulb 1600289 22.413.359 2360 5,9 20-912-784 78.1 Wet Bulb 2346 1410728 49096

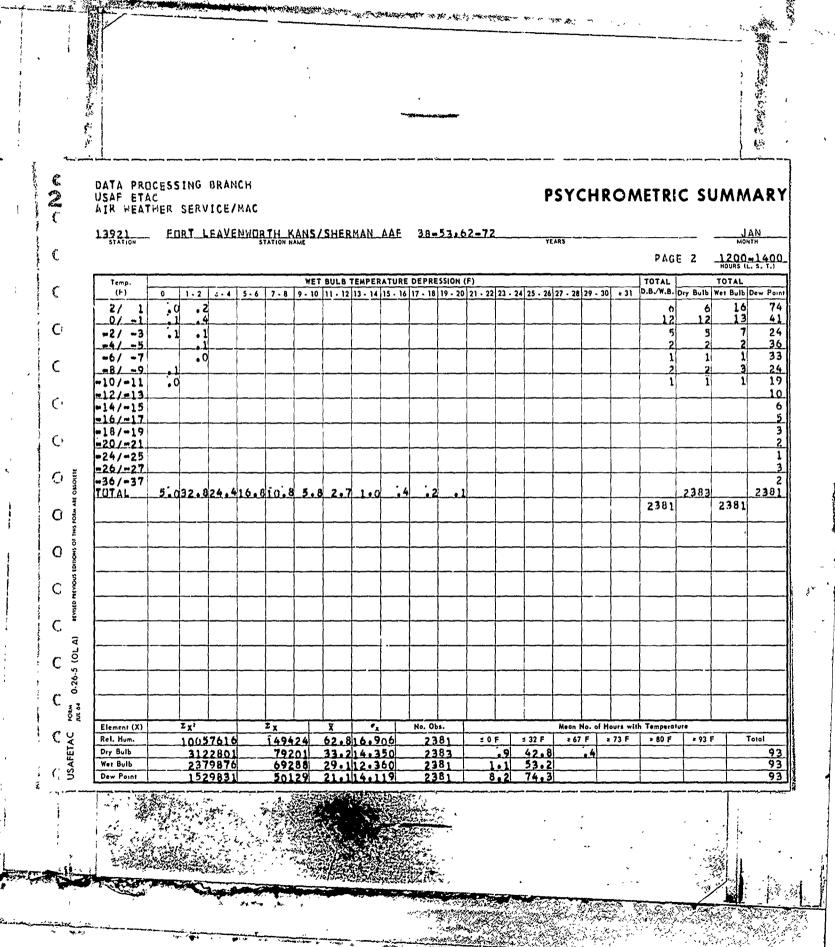
DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENHORTH KANS/SHERMAN AAF 38-54,62-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Butb Wet Bulb Dew Point 68/ 57 66/ 65 64/ 63 62/61 60/ 59 53 21 21 52/ 51 37 48/ 47 68 44/ 43 68 • 1 .0 56 99 99 113 82 38/ 37 2.3 154 155 152 2.2 36/ 35 • 0 128 131 32/ 31 134 134 207 173 173 165 30/ 29 3.3 131 169 1.6 131 28/ 27 33 26/ 25 164 24/ 23 22/ 21 .5 2.8 .4 2.7 101 101 117 100 100 108 2.8 105 20/ 19 101 18/ 94 101 15 .6 2.8 85 RK 16/ 128 75 .5 2.9 84 81 81 12/ 11 73 83 10/ 74 9 73 50 70 8/ 50 61 43 .2 1.3 Mean No. of Hours with Temperature Element (X) ± 0 F Rel. Hum. ≥ 67 F | ≥ 73 F ≥ 80 F Dry Buib Wet Balb Dow Point

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53-62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 70/ 69 0 13 66/ 65 64/ 63 61 60/ 59 29 58/ 57 89 50/ 89 9î 9) 102 109 109 114 114 109 109 135 144 144 146 98 104 76 81 73 76 65 79 69 1.3 51 19 Dry Bulb Wet Bulb



DATA PRUCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF "-53,62-72 1500-1700 HOURS (L. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 70/ 69 . 1 56/ 65 11 62/ 61 60/ 59 58/ 57 • 2 54/ 53 59 41 100 100 98 98 70 95 78 109 124 124 139 37 117 154 144 209 150 101 101 163 26/ 25 97 22/ 21 60 71 58 13 1.0 47 56 56 1.8 10/ 48 0 1.0 38 24 Element (X) Mean No. of Hours with Temperature 267 F | 273 F Rel. Hum. Dry Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENHORTH KANS/SHERMAN AAF 38-53,62-72 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 21 . 0 -6/ -7 -8/ -9 .0 28 -16/-17 -18/-19 -32/-33 -36/-37 TUTAL 2380 2376 4.832.725.615.910.3 6.1 2.4 1.5 2376 2376 ತ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 63.117.344 33.814.086 29.612.097 Rel. Hum. 149901 80359 10171675 2376 Dry Bulb 2380 41.6 53.3 3185307 Wet Bulb 2429155 70327 2376

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 39-53-62-72 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 66/ 65 62/ 61 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 44/ 43 31 32/ .0 86 58 1.8 12/ 10/ 8/ 2.0 0/ Rel. Hum. ≥67 F | ×73 F | ×80 F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72 C TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) \mathbf{C} 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 • 0 -8/ -9 0 -20/-21 ~24/~25 -28/-29 -32/-33 8.954.622.1 9.5 3.0 2348 2348 2348 C § Element (X) Mean No. of Hours with Temperature 267 F | 273 F | 280 F Rel. Hum. 12686796 169108 72-014-702 2348 Dry Bulb 2235511 28.012.771 56.7 66023 1862092 2348 60084

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 35-53-62-72 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 | 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 62/ 61 60/ 59 58/ 57 • 0 54/ 53 17 26 45 40 41 •0 101 38/ 37 98 186 188 198 32/ 31 30/ 29 186 189 169 17C 190 154 156 158 146 158 162 162 24/ 23 22/ 21 126 18/ 17 2.7 2.9 89 1.8 55 84 13 65 73 10/ 1.9 8/ 61 56 6/ 56 36 36 2/ 35 18 Mean No. of Hours with Temperature Element (X) 10F Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF 39-53162-72 JAN 2100-2300 HOURS (L. S. T.) PAGE 2 TOTAL D.B./W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Wet Bulb Dew -6/ -7 ~8/ ~9 22 -10/-11 -12/-13 -14/-15 8 -16/-17 -18/-19 -20/-21 -22/-23 -26/-27 2340 16.459.216.5 6.6 1.2 2349 2340 2340 0 0 C ತ C 35 Element (X) 176559 59777 Rel. Hum. 13766785 2340 ≤ 32 F Dry Bulb 1907313 2349 3.2 64.7 23.612.092 18.413.987 Wet Bulb 1640597 2340

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 60/ 59 58/ 57 56/ 55 52/ 51 50/ 49 18 18 23 23 48/ 47 57 44/ 43 42/ 41 40/ 39 38/ 37 99 99 77 130 173 151 130 173 151 124 185 140 168 140 118 146 161 118 159 132 132 127 137 109 109 113 22/ 21 20/ 19 2.4 111 102 76 73 6.8 2.9 16/ 73 88 60 55 57 50 75 50 12/ 11 2.1 10/ 8/ 11 2/ Element (X) Dry Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71 0 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin -8/ -9 -10/-11 -12/-13 -14/-15 -16/-17 -18/-19 -22/-23 -24/-25 15.355.220.0 6.5 2.4 1934 TOTAL 1937 1934 O C § õ 0 70 PA No. Obs. 11538723 1757143 1507454 1934 1937 Rel. Hum. 75.914.483 ± 32 F 267 F 273 F >80 F Dry Bulb 53.9 28.110.842 54431 84 Wet Bulb 26.010.115 1934 1.0 62.4

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-65,67-71 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 58/ 57 56/ 55 54/ 53 . 1 52/ 51 50/ 49 21 44. 3.5 10/ 6/ 2/ Δ٥. -2/-3-6/ -7 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORT! KANS/SHERMAN AAF 39-53,62-65,67-71 FER 0300-0500 PAGE 2 D.B. W.B. Dry Bulb Wet Bulb Dew Poin Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 -10/-11 -12/-13 -14/-15 -16/-17 -18/-19 -20/-21 **|-22/-23**| -30/-31 C -32/-33 -34/-35 TUTAL 18.657.418.3 4.0 1.3 1935 1935 1935 C ₹ (01, 70th Element (X) ΣX No. Obs. Mean No. of Hours with Temperature 11949247 1614770 1407156 ≥67 F | ≥73 F | ≥80 F | ≥93 F Rel. Hum. 149637 77.313.972 1935 10F s 32 F 58.8 Dry Bulb 51698 26.611.072 1941 84 Wet Bulb 48076 24.810.487 1935 84 1935 84 39007

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/HAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poir 60/ 59 58/ 57 56/ 54/ 53 52/ 51 - 0 10 10 46/ 33 • 0 33 63 62 39 81 117 177 36/ 35 117 148 105 178 183 205 205 147 190 48 30/ 138 183 109 138 27 23 138 155 136 101 20/ 19 3.5 101 110 108 89 2.5 16/ 15 72 63 70 2.5 74 12/ 11 10/ .2 2.0 8/ 46 36 36 4/ 12 0/ 33 24 32 ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-72 0 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poi -10/-11 .0 -12/-13 -14/-15 -16/-17 -18/-19 -20/-21 -22/-23 -30/-31 -32/-33 TUTAL 2123 17.259.417.5 4.4 1.2 2131 2123 2123 a ತ No. Obs. Mean No. of Hours with Temperature Element (X) 13112215 1741525 1520059 164341 56103 52169 2123 2131 2123 Rel. Hum. 77.413.567 ⊴ 32 F 26.311.143 24.610.593 Dry Bulb 59,3 Wet Bulb 84 66.1

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 0900-1100 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 68/ 67 66/ 65 60/ 59 • 0 • Q 56/ 55 . 1 28 32 37 52/ 51 32 48/ 47 62 77 86 39 107 107 139 139 144 144 187 188 159 153 31 159 32/ 126 126 101 101 91 71 101 91 71 20/ 69 16/ 48 48 78 73 36 17 8/ 24 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWURTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew 0/ -1 23 -4/ -5 -10/-11 -12/-13 =14/=15 =16/=17 =18/=19 TUTAL 7.339.729.514.0 6.0 2.2 1.0 2150 2149 2149 ব õ No. Obs. Element (X) Z X' Mean No. of Hours with Temperature 10840956 69.116.324 31.911.549 28.810.383 148520 2149 ≤ 32 F 2150 Dry Bulb 42.2 52.7 67.3 68647 84 Wet Bulb 84 2009439

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 1200-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 23 | D B./W.B. Dry Bulb Wet Bulb Dew Poir 78/ 77 76/ 75 74/ 73 72/ 71 .0 70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 52 58/ 57 84 84 50/ 49 90 89 106 106 110 42/ 121 121 156 137 146 171 146 171 33 161 131 165 137 137 26/ 25 83 21 19 52 22/ 201 103 28 18/ 17 84 33 15/ 32 65 14/ 13 Mean No. of Hours with Temperatur Element (X) Rel. Hum. Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PAGE 2 1200-1400
HOURS (L. S. T.)

																					L. S. T.)
Temp.			·		,		BULB 1						····	,				TOTAL		TOTAL	
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TOTAL	4.2	23.2	24-0	20.2	12.5	8.0	4.3	2.1	.9	.3	. 2		-					<u> </u>	2156		2154
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Element (X)		Σχ²		·	ZX		X	·**		No. Ol								h Temperat			
Rel. Hum.		_884	458	<u> </u>	<u> </u>	47	61.3	18.8	12	21	54	± 0		32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			1798		818	74	38.0	12.4	24	21	56			29.6		.7	1	ļ	-	\rightarrow	84
Wet Bulb		257	3540	<u> </u>	710	90	33.0	10.2	75	21	54		_	40.7		<u> </u>					84
Dew Point		167	31158	3	530	54	24.6	19.3	75	21	54	2	. 8	62.1		1		I	1	ı	84

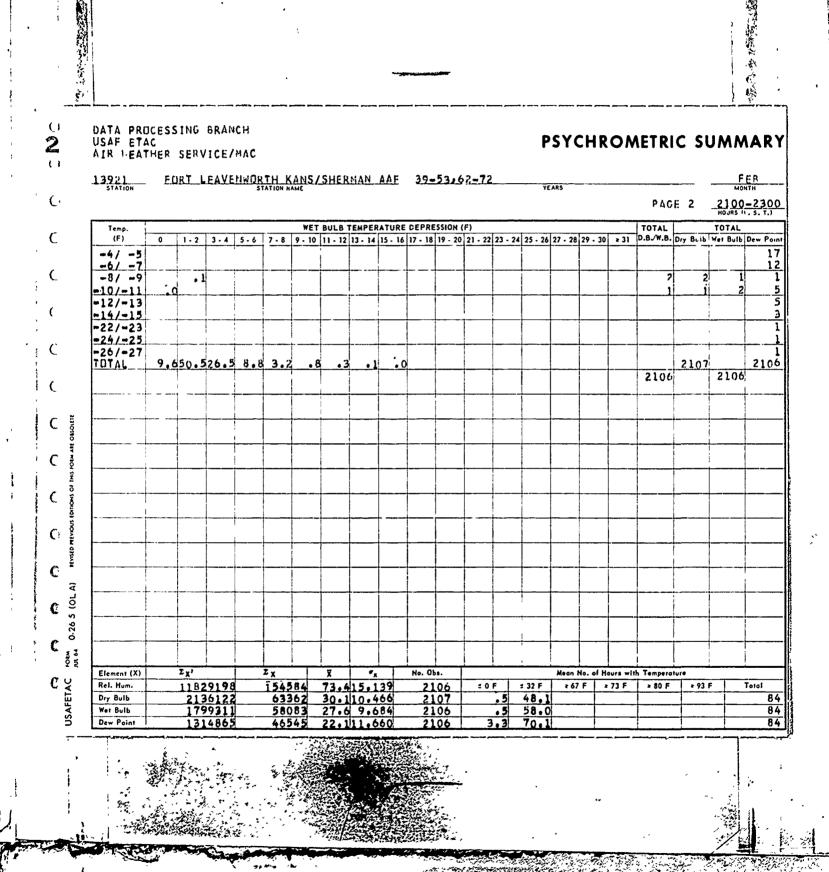
DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 **(b)** 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 82/ 81 76/ 75 . 0 74/ 73 72/ 71 • 0 70/ 69 68/ 67 66/ 65 20 61 59 60/ 42 58/ 58 55 69 69 43 72 94 90 90 48/ 95 95 46/ 104 104 114 101 101 10= 42/ 116 139 39 136 40/ 116 139 156 156 128 36/ 150 126 34/ 114 114 142 161 32/ 31 142 128 128 167 152 118 28/ 109 109 119 87 87 26/ 25 69 69 23 42 42 65 87 32 20/ 19 32 18/ 17 15 16/ 15 Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 0 F ≥ 93 F Total Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 0 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 12/ 11 10 10 57 18 C • 1 11 C 0/ -10/-11 -12/-13 -14/-15 TOTAL 4.321.122.119.513.5 9.1 5.8 2.3 1.0 2152 2152 2152 õ Element (X) No. Obs. Mean No. of Hours with Temperature 59.719.591 39.412.705 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 8507781 ≤ 32 F 27.2 Dry Bulb 3680039 84689 73034 84

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 60/ **59** 58/ **57** • 0 54/ 53 52/ 51 •0 50/ 49 56 88 88 103 42/ 41 108 136 136 38/ 37 148 156 162 173 108 167 167 34/ 33 187 162 162 32/ 31 186 178 178 159 104 121 121 143 128 150 20/ 19 97 18/ 17 16/ 15 72 126 53 55 32 38 21 13 23 25 88 18 10/ 23 12 12 56 8/ 6/ 37 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb

新国际公司的 DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 2/ . 1 -2/-310 -6/ -7 .0 -10/-11 -14/-15 =16/=17 -20/-21 -24/-25 TOTAL 5.738.231.313.5 6.2 2.9 1.0 .5 2103 2102 2102 2102 õ Mean No. of Hours with Temperature Element (X) No. Obs. 10472176 2585407 2076849 143904 70143 62939 2102 2103 2102 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 32 F Rel. Hum. 68.517.184 33.410.815 29.9 9.567 23.311.725 84 Dry Bulb 39.6 50.3 Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** XI 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-72 () WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 64/ 63 62/ 61 60/ 59 58/ 56/ 55 • 0 27 35 48/ • 1 37 48 40/ 36/ 35 34/ 33 32/ 31 30/ 28/ 27 26/ 25 24/ 23 93 20/ 16/ 2.0 12/ 2.8 10/ 8, 15 õ 4/ No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 32 F Total Dry Bulb Wer Bulb



DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 2 FURT LEAVENWORTH KANS/SHERMAN AAF 31 -45,47-53,62-65,67-71 13921 MAR 0000-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb | Wet Bulb Dew Poin 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | .0 • 0 72/ 71 70/ 69 • (• 1 66/ 65 • 0 64/ 63 62/ 61 .0 28 60/ 10 .0 58/ 25 26 • 2 56/ 53 39 39 C 57 50/ 68 <u>58</u> 76 48/ C 76 85 94 40/ 37 35 121 151 38/ 187 187 99 36/ 146 218 218 33 3.0 214 199 32/ 166 166 149 165 131 108 3.0 111 26/ 95 83 173 121 69 69 2.0 65 22/ 21 65 2.3 20/ 70 58 95 18/ <u>58</u> 27 67 18 18 13 12/_11 C 10/ Element (X) Rel. Hum. 10 F ± 32 F Dry Bulb Wet Bulb

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DATA PPOCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 2 **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERNAN AAF 39-45,47-53,62-65,67-71 D.B./W.B. Dry TUTAL WET BULB TEMPERATURE DEPRESSION (F) 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 2/ -6/ -10/-11 -18/-19 -20/-21 TOTAL 9.948.124.7 9.5 3.9 1.9 1.4 2132 2132 C No. Obs. 2131 2921320 2465187 39.5 50.6 2135

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 39-45; 47-53, 62-65, 67-71
YEARS MAR 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 23 23 - 24 25 - 28 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 72/ 71 70/ 69 68/ 67 66/ 65 64/ 63 . 1 8 62/ 60/ 24 24 58/ 57 19 56/ 55 17 17 23 13 53 • 2 52/ 51 43 20 C 49 59 34 50 55 48/ 4 ? 55 72 Ç 1.1 1.1 43 65 42/ 41 72 72 83 34 .6 40/ 39 1.5 75 76 94 94 38/ 37 84 65 71 137 35 131 167 167 3.1 190 33 230 230 4.3 32/ 182 215 160 160 30/ 29 156 156 182 170 1.6 4.2 28/ 27 146 118 205 146 26/ 25 114 116 182 23 3.7 24/ 111 112 118 161 102 89 22/ 85 85 148 .6 B 20/ 2.0 64 64 3 18/ 79 16/ 15 · 3 76 ğ 40 41 38 14/ 13 12/ 11 22 22 19 60 10/ 39 8/ 37 6/ Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F Dry Pulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-65,67-71 1 WET BULB TEMPERATURE DEPRESSION (F) TOTA 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B.-W.B. Dry Bulb Wei Bulb Dew Poin 27 17 0/-1-2/--3 -4/ -5 -10/-1/1 -12/-13 -16/-17 -18/-19 -22/-23 -28/-29 TOTAL 12-454-620-9 6-9 2-8 1-9 2136 2131 2131 Mean No. of Hours with Temperature Rel. Hum. ≥ 73 F ≥ 80 F ≥ 93 F 166185 2131 2136 13367425 78 d 13 8 3 3 33.211.790 Dry Bulb 2653750 44.8 2290608 2131

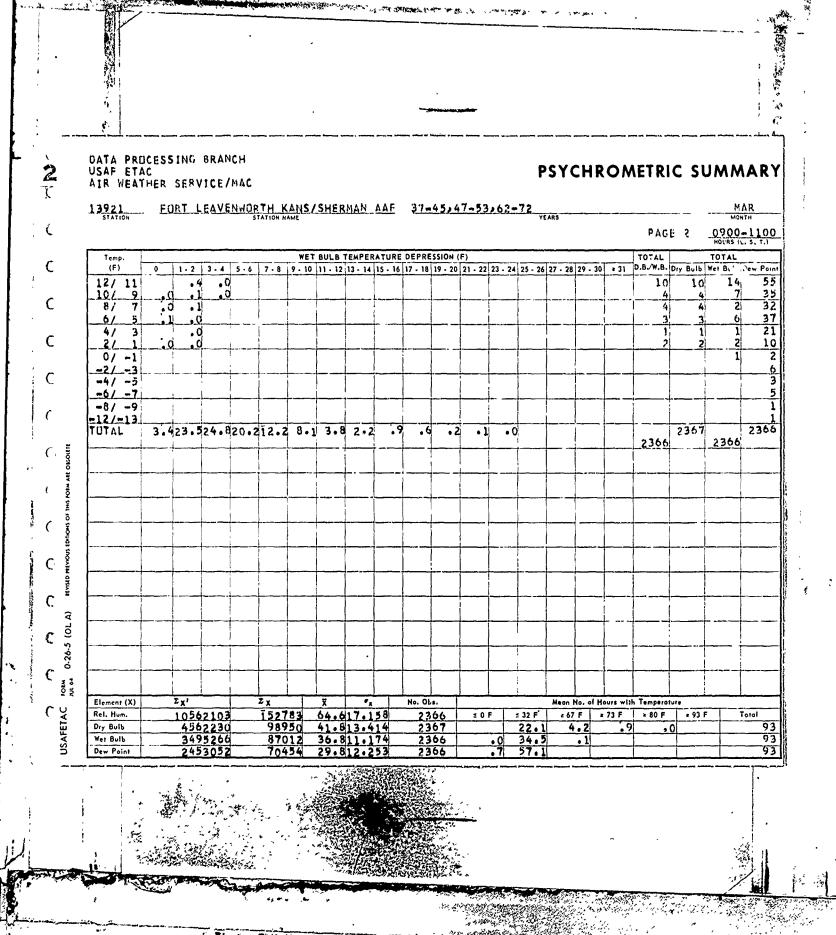
USAF ETAL **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 70/ 69 66/ 65 62/ 61 .0 8 24 58/ 57 24 54/ 53 67 45 46/ 42/ 41 40/ 39 7<u>6</u> 95 228 29 139 26/ 25 102 112 22/ 2.9 106 21 87 96 33 22 50 10/ 8/ 37 Elament (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 2 **PSYCHROMETRIC SUMMARY** MAR FURT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 C WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 0.8./W.B. Dry Bulb Wet Bulb Dew Poin .0 -<u>5</u> -61 -14/-15 11.248.925.0 9.1 3.2 1.8 2341 2339 2338 2338 Element (X) No. Obs. Mean No. of Hours with Temperature 76.713.959 34.312.000 31.710.988 27.312.194 14227409 3083493 Rel. Hum. ≤ 32 F 234₁ 2338 2339 Dry Bulb 42.2 2634746 Wet Bulb 52.3

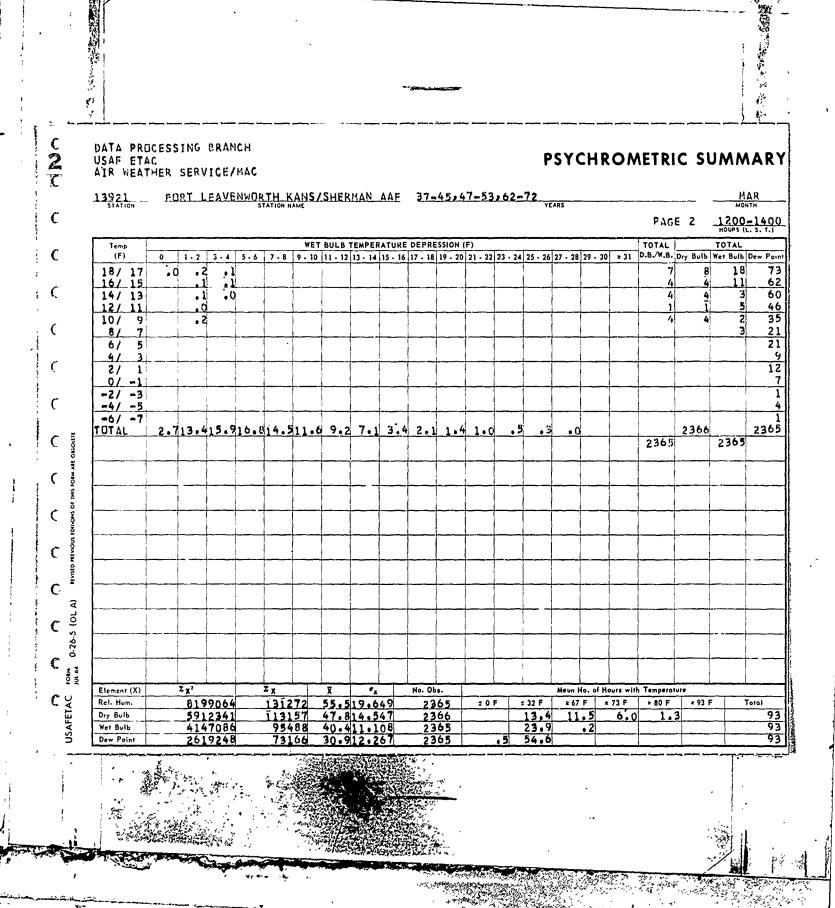
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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Po 82/ 81 78/ 77 76/ 75 74/ 73 72/ 71 20 70/ 69 29 68/ 67 66/ 65 64/ 63 59 64 50 56/ 55 69 52/ 51 92 92 100 100 107 107 120 123 123 161 161 136 178 178 169 32/ 31 125 209 95 162 167 106 96 70 70 28/ 27 74 52 82 24/ 23 20/ 19 87 55 18/ Dry Bulb Wer Bulb



DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 MAR PAGE 1 1200-1400 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 86/ 85 82/ 81 80/ 19 78/ 77 20 • 1 74/ 73 7.2/_7.1 70/ 59 68/ 67 66/ 65 68 68 62/ 61 97 60/ 59 97 70 25 58/ 56/ 89 83 54/ 53 83 36 89 50/ 128 128 48/ 47 66 56 46/ 45 44/ 43 102 102 42/ 41 161 118 118 36/ 35 167 125 93 93 142 34/ 33 69 114 30/ 29 81 81 181 81 26/ 25 .0 159 24/ 23 147 48 120 22/ 21 20 20 Element (X) Rel. Hum. Dry Bulb Wet Bulb



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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 MAR 1500-1700 HOURS (L. S. T.) PAGE 1

Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30 ≥ 31	D.B./W.B.	Dry Bulb W	et Bulb	Dew Point
86/ 85				!	1	1						. 2		.0			5	5		
84/ 83				i					l •	1)	1	.0	1		10	10		
82/81			- 1	1			• 0	• 1	.0	.1	.(. 1	. 2	.1	• 0		17	17		
80/ 79							1	0		3	ر ف	. 2	2				25	2.5		
78/ 77			i		ł		• ()	• 1	. 2	. 2	. 3		. 4	. 1			35	3.5		
76/ 75		<u> </u>				1	1	3	2		1	.3					35	35		
74/ 73				• 0	-	• 1	. 4	• 2		. 2			• 0				37	37		
72/ 71		1			2	3	4	3	. 6	3							62	62		
70/ 69			İ	• 1	. 2	- 4	• 4	• 2	.6	. 2	.4						61	61	1	
68/ 67		ļ		1		<u>4</u>	6		4	, 3							63	63	6	
66/ 65		! !	i	• 3	.6	• 3	• 6				• 1	4					67	67	11	
64/ 63		· · · · ·	• 0	3		-6				5							84	84	28	
62/61		• 1	1	1	. 4	.7		• 4		.4	1						89	89	43	
60/ 59			. 0	1	- 4	.7			6	• 0		ļ		<u> </u>		_	69	69	64	
58/ 57		.2	• 2	. 3	.6	- 8	• 4			• 1	! !						79	79	70	
56/ 55				. 3	.6	<u>. 8</u>	1.3	• 6									99	99	82	33
54/ 53		.3	. 3		.5	1.2	1.0	.5	. 3								101	101	105	
52/ 51	ـــبــــــ		. 3	<u>, 6</u>								ļ¦					112	112	122	58
50/ 49	• (. 6		1.4	- 5										126	126	118	56
48/ 47					1.2	. 9	- 4										117	_117_	107	58
46/ 45	•	1 .3	. 8 . 7	1.1	.]	- 8] j					101	101	126	
44/43					••	.6			 	ļ				ļ	- 		131	97	174 153	82 119
42/ 41	•		1.4	. 9	1.3	1.1	• 2									Ì	132	131	151	99
40/ 39	8									 	├	1				 			151	102
38/ 37	•	1 1 1	1.8	1.6	. 3	. 3								ļ		-	121	121	148	
		3				0.4											107	83	161	146
34/ 33	•	1.2	1.0	3. 2.1	.2	1											85	85	148	182
		4 - Led			· d						 	1					54	54	120	
30/ 29 28/ 27	•	2 1.1		3	• 4	!								i			50	50	88	136
26/ 25	نم	0 .8	.7	.2							 	†i		 			41	41	45	175
24/ 23	• 1	. 6	2	. 1		i			į								24	24	51	143
22/ 21	.(. 2	d													17	17	40	
20/ 19	• '	7 : 2	. 1	• 1	- 1	i											13	1 3	23	66
Element (X)		Σχ²			Σχ		X	7,	' 	No. O	· · · · · · · · · · · · · · · · · · ·				Mean No	. of Hours wi				
Rel. Hum.						_		<u>_</u>				± 0 I	F :	32 F	2 67 F		≥ 80 F	≥ 93 F		Total
Dry Bulb												<u>-</u> -	_			 	 	1	+-	
Wet Bulb					-**-	_							$\neg \vdash$			1	 	·	-	
Dew Point						_							_				 	<u> </u>		

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-45,47-53,62-72 1500-1700 HOURS (1.5. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

9 ⋅ 10 | 11 ⋅ 12 | 13 ⋅ 14 | 15 ⋅ 16 | 17 ⋅ 18 | 19 ⋅ 20 | 21 ⋅ 22 | 23 ⋅ 24 | 25 ⋅ 26 | 27 ⋅ 28 | 29 ⋅ 30 | ≥ 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Temp (F) 18/ 17 13 80 16/ 15 14/ 13 56 10/ 6/ 2/ 2363 2364 2.512.314.715.412.413.6 9.7 6.0 5.0 3.3 2.1 1.2 1.1 2363 2364 a 0.26.5 (Element (X) Rel. Hum. 7835905 6266979 1 32 F ≥ 67 F ≥ 73 F 286 € | 293 F 97498 11.7 13.8 Dry Bulb 2363 Wet Bulb 4302988 2364

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-72 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 82/81 78/ 77 76/ 75 74/ 73 72/ 71 30 30 70/ 69 68/ 67 34 64/ 63 62/ 61 58 58 76 58/ 57 74 56/ 55 54/ 53 89 106 106 100 50/ 49 104 104 97 97 48/ 47 112 112 46/ 45 44/ 43 134 134 42/ 41 85 38/ 37 161 161 157 184 148 148 36/_35 139 155 34/ 33 2.0 139 95 186 32/ 31 30/ 29 2.0 94 94 138 155 28/ 27 82 82 102 166 26/ 25 168 24/ 23 50 50 22/ 21 20/ 19 57 107 30 30 18/ 17 79 16/ Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥ 80 F ± 0 F ± 32 F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH YANS/SHERMAN AAF 39-45-47-53-62-72 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wei Bulb Dew Points 14/ 13 12/ 11 10/ .0 .0 -6/ -8/ -9 TOTAL 3.422.123.116.912.4 3.7 5.3 3.6 2.2 1.2 2306 2307 2306 2306 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 9863283 144067 2306 ≥ 67 F ≥ 73 F ≥ 80 F 100652 87459 43.613.388 4804640 3579005 2307 2306 18.5 30.6 Dry Bulb 2306

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37,39-45,47-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 74/ 73 70/ 69 13 68/ 67 66/ 65 14 64/ 63 30 62 / 61 60 / 59 30 58/ 57 30 56/ 55 54/ 53 52/ 51 82 50/ 49 71 87 89 89 87 88 44/ 43 126 122 42/ 130 138 129 38/ 138 104 1805 33 165 165 132 30/ 29 26/ 25 24/ 23 163 69 61 120 22/ 21 61 20/ 19 88 16/ 15 13 12 12/_11 51 10/ 36 Rel. Hum. Dry Bulb Wet Bulb

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENHORTH KANS/SHERMAN AAF 37,39-45,47-33,62-72

PAGE 2 2100-2300

Temp								DEPRE								TOTAL		TOIAL	
(F)	0 1 - 2	3 - 4 5 -	6 7-8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 2	4 25 - 26 2	27 - 28 29	- 30 ≥	31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew P
6/ 5	.2	3			1		1									1	ì	5	2
2/ 1	. 1	1			1	 	; -					1				3	3	6	1
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-4/ -5					 	<u> </u>		 		<u> </u>			_			1 2	1 2		
-6/ -7 -8/ -9:	• 1	1 1	i			<u> </u>	1			} 					!			4	
10/-11		, , , , , , , , , , , , , , , , , , ,									_								
OTAL	5.834.	528.216	.0 7.4	3.	7 2.5	1.2	.4	• 1	•1							2302	2309	2302	23
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					-							-		+					
Element (X)	2 X2		ΣX	\neg	X	σ _A		No. Ob	i.	LL		<u> </u>	Mean No.	of Hours	s with	Temperat	lure	l	
Rel. Hum	121	03451	1626		70.6	16.3	68	23		± 0 F		≤ 32 F	≥ 67 F	≥ 73		≥ 80 F	* 93	F	Total
Dry Bulb	379	91545	891	57	38.6	12.2	96	23	09		1	30.0	1.9		. 2				
Wet Bulb	30	53818	802		34.8	10.6	04	23	02		1	40.8					 _		
Dew Point	53.	73136	671	66	29.2	11.6	71	23	02		9	58.3		L					

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-71

PAGE 1 0000-0200

Temp.					•	WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77	-			• 0														2	2		
76/ 75							0		! •									5	5		
74/ 73			ł	• 0	.0	. 2		• 1	.0	}								10	10		
72/ 71			<u> </u>	. 2	. 4		2	• 0	-0	2								2.3		<u> </u>	
70/ 69			. 2	. 5		• 2	- 1	• 1		.0								25	2.5	3	
69/ 67		0	4	4	4			0	0	0		<u> </u>						47	47	2	
66/ 65	. (1	.1	. 3	. 3	. 4	• 3	.3	• 1	ļ		. 1	!		i				42		17	3
64/63		2		. 4	6	2	3	0		ļ				ļ				52		32	
62/ 61	• 0			. 3	• 7	.3	• 2	•0		Ŋ				!		ĺ		61	61	26	22
60/ 59	k	1.3		7	7	• 5		• 2						· 				99		66	
58/ 57	• 2				. 5				ļ	1								106		83	56
56/ 55		2.0				-4				 								125		90	
54/ 53	. 3		1.5	1.2				1		١.								119		113	79
52/ 51	- 4	2.2	109	وعد	<u>. 8</u>				 -					ļ				137		116	87
50/ 49	• 1				. á	_	-											145	145	134	
48/ 47		2.1	1.8		- • •	1				 				<u> </u>				119		150	
46/ 45	. 2	3.2			.6			 		1				ļ				173	173	173	
44/ 43	لِـعــــ	2.5				0								·				141	143	166	
42/ 41	. 3	3.8			. 2													168		136	147
40/ 39	-,6					2												136		204	
38/ 37 36/ 35	4	2.5			• 1	• 1			ļ	į								114		170	
34/ 33									 									91	91	124	
32/ 31	• 0	1.6	1.2	.6						Ì.					İ	ł		73	73	101 53	
30/ 29	1	1 1	. 7						 									45	4.5		
28/ 27	• 4	1.1							!							ļ		43		83 52	
26/ 25	. a	,3							 			 						25 12		32	
24/ 23	• 4	0	. 1	ă						1								4	12	7 C	69
22/ 21		.0	.0							 					'-			2		4	
20/ 19		. 1													1			5	2	77	15
18/ 17									i												11
1,0/ 15			;																	1	25
: 14/ 13																					6
12/ 11	i		ļ		i i																, a
Element (X)		Σχ'			žχ		χ	₹		No. Ob	s.				Meon No	o. of Ho	urs with	Temperat	ore.		
Rel. Hum.												± 0	F s	32 F	≥ 67 (F 2	73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb																					
Wet Bulb																_					
Dew Point																					

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 39-45,47-53,62-71 0000-0200 WET BULB TEMPERATURE DEPRESSION (F)

9 . 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Pour 10/ 8/ 6/ 2146 2146 2146 C FORM JUL 64 Element (X) 74.715.980 48.010.527 44.0 9.437 39.710.635 2146 2149 2146 160298 103119 94459 Rel. Hum. 12521366 5186161 4348745 ≥ 67 F 5.6 Dry Bulb 90 Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY 0 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-71 €, 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL \mathbf{O} 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Port 80/ 79 76/ 75 (1 74/ 73 72/ 71 27 70/ 69 <u>გ5</u> 30 66/ 65 40 64/ 63 62/ 61 60/ 39 80 89 89 123 123 54/ 53 119 119 122 G 50/ 49 144 130 133 133 149 148 114 46/ 45 () 189 161 163 163 157 143 143 38/ 37 159 118 34/ 33 105 105 65 32/ 31 84 52 52 124 30/ 29 28 28 26/ 25 32 1.0 22/ 21 20/ 19 18/ 17 16/ 15 Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FULT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-71 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPI:ESSION (F) Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-12 19-20 21-22 23-24 25-26 27-28 29-30 = 31 TOTAL 2183 2183 2183 Mean No. of Hours with Temperature 78.114.488 45.910.454 2183 2186 2183 13760759 4846803 170411 100365 Ret. Hum. ≥ 67 F ≥ 73 F ≤ 32 F Dry Bulb 90 8.2 Wet Bulb 13.6

DATA PROCESSING BRANCH USAF ETAL AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION STATION NAME

APR
MONTH

PAGE 1 0600-0800

Temp.					WET	BUĽB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1-	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	2 * 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
78/ 77			1	.0			Ī	<u> </u>								1	1			
76/ 75	1	1	1 . 1	. 0		1							İ		1			į		
74/ 73			. 1					.0	ļ				<u> </u>		1	1	5			1
72/_71			1 2	3	. 1		0	i	1				ļ				20	20	, ,	,
70/ 69		0	1 .5	.0	. 3								<u> </u>				30	30		
68/ 67		1	2 2					• •									35	35		
66/ 65		1	5 5				• 1		†				 	†	 	1	60	60		
64/ 63		3	7	.6	- 1		1 11	1		1			l				71	71		
62/ 61	•0	6							 						1	1	71	71		
60/ 59	. 2 1	3	6 .8	. 6							.		[96	96		
58/ 57	.5 1					• 1			•0				i	 -	1	 	126	126	,	
56/ 55	z 2	2 1	2 1 . 1	.3	.4		1	.0			İ		!				136	136		
54/ 53	.3 1		3 1.6				·		<u> </u>					 	 	†	143	146		
52/ 51	žž	0 2.	0 1.4		• 2		1	1									154	154		7
50/ 49	.6 1													 	1	<u> </u>	153	154		
48/ 47	2 1		1.5				l	1	1	İ				1	1		137	138		
46/ 45	.2 2				• 1		 	 	 				!	 	 	 	175	175		
44/ 43	.3 2				.0			! !									173	174		
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SAFETAC FORM 0.24.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 (3) WET BULB TEMPERATURE DEPRESSION (F)

1 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Poir 2324 2317 5.031.027.720.2 9.7 4.4 1.4 173686 111988 2317 2324 2317 Dry Bulb 5644012 4756569 Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

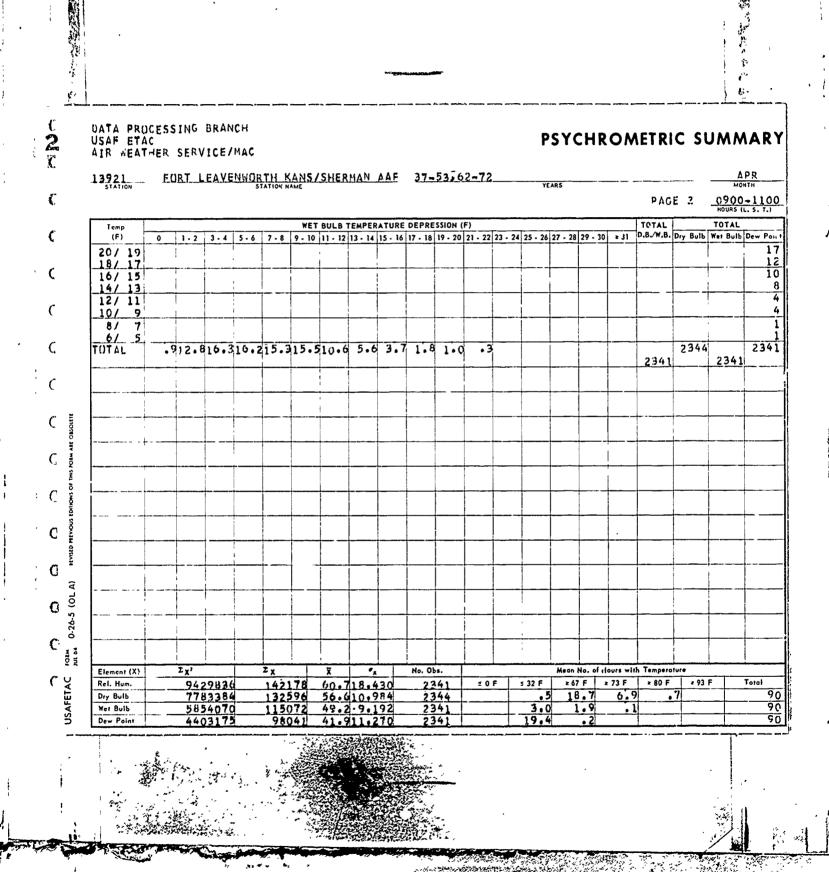
13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72

PAGE 1 0900-1100

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, 0.26-5 (OLA) **

AC FORM 0-26-



DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC APR 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 94/ 93 92/ 91 90/ 89 88/ 67 86/ 85 24 84/ 83 82/ 81 80/ 79 85 85 78/ 77 76/ 75 93 94 74/ 73 72/ 71 99 99 12 29 51 96 133 134 70/ 69 142 143 68/ 67 147 147 121 121 64/ 63 127 61 128 62/ 128 60/ 59 58/ 57 152 161 57 120 120 188 127 127 110 163 187 102 102 50/ 49 81 79 79 65 65 77 173 113 77 57 57 42/ 41 128 94 38/ 37 36/ 35 57 53 25 25 34/ 33 32/ 31 31 30/ 29 Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 10TAL D.B./W.B. Dry Bulb Wet Bulb Dew 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 67 50 26/ 25 24/ 23 22/ 21 35 20/ 19 18/ 17 13 14/ 13 12/ 11 10/ 2345 2345 C 0.26-5 (OL A) C FORM JUL 64 No. Obs. Mean No. of Hours with Temperature 2345 2348 2345 2345 7389375 9329982 6471785 52.420.043 61.912.009 51.7 9.138 145300 121315 99108 34.6 Dry Bulb 90 Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 94/ 93 92/ 91 C 11 11 90/89 88/ 87 86/ 85 31 O 84/ 83 79 82/ 81 80/ 79 65 C 78/ 77 87 86 89 76/ 75 73 . 1 110 110 72/ 71 128 159 70/ 69 159 68/ 67 142 142 66/ 65 122 122 143 641 63 62/ 61 147 172 165 58/ 122 122 100 57 182 94 56/ 55 108 108 169 54/ 85 50/ 61 61 203 82 82 164 46/ 45 117 • 3 99 72 33 40/ 39 78 38/ 37 • d 18 18 101 36/ 35 34/ 33 32/ 31 30/ 29 105 Mean No. of Hours with Temparature Element (X) Rel. Hum. ≥ 67 F | ≥ 73 F 2 80 F Total Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION STATION NAME

PAGE 2 1500-1700
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DRM 0.26.5 (OL A) REVISED MEYICUS EDITIONS OF THIS FORM.

Û DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** SATE US AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 90/89 .d 38/ 87 86/ 85 84/ 83 82/ 81 80/ 79 78/ 77 76/ 75 .0 37 37 50 74/ 73 5۲ 71 72/ 71 104 70/ 69 104 68/ 67 66/ 65 121 121 62/ 61 140 140 159 179 179 134 86 56/ 54/ 153 98 143 101 118 102 50/ 49 205 127 109 102 102 133 176 85 152 130 98 77 9 B 136 77 41 152 1.1 162 38/ 37 81 138 . 6 36/ 35 35 79 17 17 68 134 30/ 29 • 0 26/ • q 25 64 28 Element (X) Mean No, of Hours with Temperature Dry Bulb Wei Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-72 APR
STATION STATION NAME MONTH

PAGE 2 1800-2000

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION ((7)						TOTAL		TOTAL	
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AFETAC FORM 0.25-5

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-72

2100-2300 HOURS (L. S. T.) PAGE 1

Temp.											SSION (TOTAL		TOTAL	
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72/ 71		·			5	2	3	3	1									44	44		
70/ 69		ļ.	• 1				. 4							İ				42	47		
68/ 67		0		- 2	8			• 3			ļ			<u> </u>				57	57		
66/ 65		• 3	• 7	• 9			• 3											75	75		
64/ 63		2 .4		. 6	. 3		• 3				<u> </u>			ļ]			77	77	·	
62/ 61	ه و] [103	103		
60/ 59				. 6	8	. 7	• 9	• 3	.1		<u> </u>							124	124		
56/ 57	•					•6	• 3		0 و إ		İ			}				134	136		
36/ 55	•						. 3				ļ			<u> </u>				163	164		
54/ 53	• :	3 2.0	1.4						7	İ	:							174	177		
52/ 51		2 . 7				+			¥		<u> </u>		ļ	ļ	ļ			13C	_ 130		
50/ 49	• (ĺ						j				168	168		
48/ 47		1.8							 		<u> </u>			 				140	14c		
46/ 45	• •		1.2	2.0			!											127	127		
44/ 43	•	2.0				-1			ļ	ļ	 			<u> </u>			ļ	135	135		
42/ 41	١٠	2.1	1.3	• 9	5	• 1]		}		l		1			107	108		
40/ 39			2.2	96					↓		 	ļ		 			ļ	122	122		
38/ 37	• '		1.2	• 8							i			į.]]			80	80		
36/ 35	. و								ļ		 		·	 				78	78		
34/ 33		1 .7	8.		.0	1]						!	41	41	79	
32/ 31		ج. و	-4		}	<u> </u>			 		├		ļ	ļ	 		ļ	25	25		
30/ 29		.4	. 4	• 2	.0	¦			ĺ	ĺ								2.5	22		
28/ 27									 		 		 	 				9	- 9		50
26/ 25		. 2	. 1	1				Ì	ļ					!				6	6	11	•
24/_23		 	ļ	ļ	 	 			 			<u> </u>		 	├ -			ļ		70	
22/ 21									1											3	
20/ 19		 -	 	 -	 	 			 			 	 	<u> </u>	 						2.7
18/ 17		ł	1	1		•	I						ĺ							!	22
16/ 15		T 2		 -	~~~~~			 _		<u> </u>	<u> </u>	L	L		لسبا		ــــــــــــــــــــــــــــــــــــــ	لحجا			10
Element (X)		Σχ'		+	- 4			" z	- -	No. C	25.			- 20 7				h Temperati		- 1	Ŧ
Rel, Hum.						ı		 				≤ 0	r	≤ 32 F	≥ 67	F 2	73 F	≥ 80 F	× 93	-	Total
Dry Butb															 			 	-		
Wer Bulb								 -	-						 			 			
Dew Point								<u> </u>							L			<u> </u>	ــــــــــــــــــــــــــــــــــــــ		

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SEPVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 38-45,47-53,62-72 13921 STATION PAGE 2 Temp. 14/ 13 14/ 13 12/ 11 10/ 9 8/ 7 6/ 5 TUTAL 3.423.923.320.711.5 7.9 4.8 2.7 1.2 .5 .1 2237 2237 2237 No. Obs. Element (X) 11578015 6196439 Rel. Hum. 2237 155993 Dry Bulb 2244 Wet Bulb 103670 5000110

Û DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR SEATHER SERVICE/MAC 0 13921 FUCT LEAVENWIRTH KANS/SHERMAN AAF 39-53,62-71 0000-0200 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL †emp (F) D.B./W.B. Dry Bulo Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 88/ 87 <u>82 (8:</u> 90/ 79 78/ 77 55 761 75 74/ 73 72/ 71 70/ 69 90 90 6 86 86 26 68/ 67 124 124 50 142 142 66/ 65 95 159 64/ 63 • 0 155 155 (180 156 62/ 61 156 60/ 59 58/ 57 187 187 185 170 165 166 169 181 157 165 56/ 55 157 146 166 146 151 167 52/ 51 151 161 • 50/ 49 134 134 200 47 110 110 133 82 43 84 85 128 42/ 41 40/ **3**9 62 30 61 30 109 38/ 36/ 35 34/ 33 32/ 31 39/ 29 28/ 27 26/ 25 24/ 23 22/ 18/ 17 Element (X) Mean No. of Hours with Temperature Rel. Hun. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71 MAY () 0000-0200 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 7.839.022.714.2 7.9 4.5 2.6 .8 2251 2246 TUTAL

No. Obs.

2246 2251

≤ 0 F

≤ 32 F

80.914.121 57.8 9.595 54.2 8.502 51.5 9.075

181807

130096

121826

Mean No. of Hours with Temperature

≥ 73 F

≥ 67 F

18.

6.0

≥ 80 F ≥ 93 F

93

0-26-5 (OL

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

15164373 7726020

6770284

DATA PRUCESSING BRANCH USAF ETAC AIR "EATHER SERVICE/MAC 13921 FORT LEAVENUD

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38=53,62-71

STATION STATION NAME

PAGE 1 0300-0500 Hours (t, s. t.)

Temp.						W	T BL	ULB 1	EMPE	RAT	TURE	DEPRI	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8										23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Buib	Wet Bulb	Dew Poin
80/ 79					.0		0			1					1					2	2		
78/ 77				1	0		_						<u> </u>					<u> </u>		4	4		
76/ 75				. 3	١.		1	Ì												8	8		
74/ 73		. 2	3	5	. 4		3_	1		1	.0		<u> </u>	L		L		<u> </u>		42			
72/ 71	1	. 4	. 6	.7	. 4		. 5	• 1	• ()	.0	i			l			İ		64	64		
70/ 69	0	8	1.4	9	- 4	<u> </u>	2	Ì		!			<u> </u>		ļ	ļ		 -	ļ	88		32	26
68/ 67	• 2	1.7	1.7	1.4	.4		2	• 0				• 0	Ĭ		!					129			41
66/ 65	<u></u>	2.1	108	- 9.7	- 1 Z	7	<u>.g</u>		•	Ž	:1			 		-		 	 	118			56 114
64/ 63	. 3			. 4		Į.	. 2	٠l							1					134			135
62/ 61	.6	3.5				_	- 2			+				├	 	 		 	├	178			168
60/ 59 58/ 57	• 0	3.6	- 1	1		j '	2	• 1												171	172		173
56/ 55	1.1				. 2	-	1						 	 	 	 		 	 	178			172
54/ 53	3.1		1.8				2_		• • •	٩			ì]		İ		162			176
52/ 51	1.1			.7		}				+			 	 	 	 		 -	 	159			155
50/ 49	1.4	3.0			. 2		ì													169			182
48/ 47	1.1			• 3						1				1		1		1	i	127		154	166
46/ 45	1.1	2.0	. 4	. 3]												1		89			137
44/ 43	.5		.7	•0		i	-			1					<u> </u>		_			104	105	126	112
42/ 41	. 8	1.4	. 7							L		<u></u>		i 						69		112	139
40/ 39	. 9	1.3			.0	1				Γ										64			125
38/ 37	5	. 8		1	ļ	ļ	_			_				<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	33		43	75
36/ 35	ا و	. 6								l		ļ			1					15			57
34/ 33	.0	2		<u> </u>		ļ	-			╁-		<u> </u>	 -	 	 	 		 -	 	11		——— ——	46
32/ 31	• g	. 2		j i								ļ		1					1	8		9	22
30/ 29	Q	e.1		 -	 	 				╂			-		 			┼─	 	4	4	6	
28/ 27	ļ			1		İ													}			4	7
26/ 25					 	 	-					 -	 	 		 		 	 	 	 	 	
22/ 21	1			i				İ		-					1	{			1	}	1		
20/ 19				 	 	 	-+			-			 	 				 	 	 	 		
TUTAL	12.5	43.4	24.1	11.5	5.0	1 2	. 4	.6	•	3	. 2	:		1							2313		230
L.M LELIS		¥.J	-	1.5		-	-	X		1		*				1		1		2303		2303	<u>==_9*_}</u>
Element (X)		Σχ'	<u> </u>		Zx	<u> </u>		₹	-		7	Nc. O	bs.	<u> </u>	<u></u>	1	Mean	No. of H	lours wis	h Tempera	ture	i	
Rel. Hum.		_===	1567		1946	92			12.		a		303	± 0	F	± 32 F	<u> </u>		73 F	- 80 F	≥ 93	F 1	Total
Dry Bulb			9412		1289				9.				313		<u> </u>	. 5		3 . 5	2.3		0		93
Wet Bulb			8362		1221				8.				103			, 8		1.0		-			93
Dew Point			5127		1171				9.				303			1.9		2.7		ļ	{		93
			- 4 4	·	المنافض					~	<u> </u>					<u> </u>				·			

FORM 0.26-5 (OL A) REVISED MEYIOUS EDITIONS OF THIS FOL

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AFETAC FORM A C. F. F.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PAGE 1

0600-0800 HOURS (L. S. T.)

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	₄ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pos
82/81:			1	• 0	.0													3	3		1
80/ 79				بلعــــ	.1	•0	•0		1									8			<u> </u>
78/ 77			• 1	• 5 • 5	. 3	• 1		•0										25			!
76/ 75			.7					•0			.0							54		1	
74/ 73		• 1	• 6		• 7	.6	• 2		.0	į								83	83		
72/ 71		. 4	. 9		. 9		• 1			<u></u>								112	112		17
70/ 69		.6	1.6				• 2			Ì							ļ	137	132		
68/ 67		1.2	_				.4	•0									<u> </u>	159	158		
66/ 65	• 2	1.3			. 5				1								i	183	183		
64/ 63	• 2	2.0		1.4						L							ļ	171	171		
62/ 61	. 4		1						ĺ									215	215		
60/ 59	. 5		2.5		.6		• 1		<u> </u>	 								203		195	
58/ 57	• 7	2.3	1.9	1.5						'							[192	192		
56/ 55	7		2.0						·	ļ					<u> </u>		<u> </u>	190			
54/ 53	.6			1				บ	1						i			157	169		,
52/ 51	9				5		<u>•0</u>		<u> </u>						 			147	149		169
50/ 49	. 4				.5								İ					112	113	157	
48/ 47	• 3		- <u>• 9</u>											<u> </u>				74	77	146	
46/ 45	• 2																Ì	71	72	103	_
44/ 43	• 2					•0			 —−								ļ	49	49		
	. 3		. 4						ŀ									39	41		
40/ 39	<u>•</u> ‡	. 2	. 2		.0					<u> </u>					⊢		 	21			
38/ 37 36/ 35	• 0	.2								, 1								12			
34/ 33	<u>• 1</u>			• 1		 			 								 	5	9		
32/ 31	• 1	• 0	• •															ر	,	2	3
30/ 29	. 1								 						i		 	2	2		1
28/ 27	• T		1						-											,	1 .
26/ 25									 	 							 	 -			1
24/ 23									1				1	·	l i		ĺ	1			'
22/ 21						 			 	 					 		 	 			
20/ 19													,	'							
18/ 17						 			 								 -				
10/ 1/			i I						l												,
Element (X)		Σχ2			z _X		x	•,		No. Ob	s.			·	Mean N	lo, of H	ours wit	h Tempera	ure		
Rel. Hum.					<u> </u>						\rightarrow	± 0 ∣	F	32 F	≥ 67		73 F	≥ 80 F	e 93 l	F	Total
Dry Bulb											\neg				1	_		† 	1		
Wet Bulb					*****	\neg									1	$\neg \vdash$		 	 		
Dew Point																\dashv		 	-i		

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 0600-0800 Hours (L S. T.) PAGE 2

TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F)

1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 ≥ 31 6.027.426.720.811.3 5.6 1.6 .5 .2 TUTAL 2452 2437 2437 2437 Element (X) No. Obs. Mean No. of Hours with Temperature 78.113.709 59.4 9.011 55.4 8.322 15341038 8853891 190448 145677 2437 Dry Bulb 2452 6.6 Wet Bulb 7645487 134985

0.26-5 (OLA)

C

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-: PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 90/89 • 0 88/ 87 20 20 86/ 85 84/ 83 59 82/ 81 80/ 79 103 103 132 77 164 164 76/ 75 181 18, 74/ 73 72/ 71 70/ 69 50 83 73 178 178 18 179 178 178 199 89 225 65 194 194 112 200 183 64/ 63 139 139 62/ 61 186 186 60/ 59 108 20C 57 108 56/ 55 54/ 53 204 144 187 154 35 35 110 83 62 46/ 45 99 44/ 43 85 20 40/ 39 65 38/ 37 29 32/ 31 30/ 29 28/ 27 Element (X) Rel, Hum. 40F Dry Bulb Wet Bulb

FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF 11MS FCBM ARE OLD CIT

SAFETAC 10th 0.21 E 12:

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER 'ERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53:62-72 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 | 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point Temp. (F) 22/ 21 20/ 19 1.4 7.812.215.417.115.712.7 9.0 5.2 2.0 1.2 2450 2450 C No. Obs. Mean No. of Hours with Temperature Element (X) 153145 165703 145338 62.516.738 67.6 9.595 59.3 8.202 53.410.205 - 80 F 10258913 2450 11432619 8786424 2450 2450 52.6 19.8 7.6 Dry Bulb Wer Buib

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-53:62-72 PAGE :

Temp											SSION (TOTAL		۱۲	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16			21 - 22 2	3 - 24 2	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet ulb	Dew Po
96/ 95!				' i	i					j .0	.0		1				Ė	2.	2	1	
94/ 93		·					<u> </u>		1	1 . 1	<u> </u>	,1					ļ	4	4		
92/ 91		1					:	•0	. 2	.0	. 2	.0	. 1	. 1				17	17		
90/ 89		1					.0	1		. 5	.3	. 2	.0	. 0		.0		39	39		
88/ 87		1			.0	. 1	.3	.4	. 7	.6	.7	.2	• 0	.0	. 1			80	80		
86/ 85		,		. '	. 2	.6				9	. 8		. 1	. 2				140	140	ļ	
84/ 83				• 0	. 5	• 6	1.1	1.5	1.1	. 9		. 3	. 2	. 1			T	167	167		
82/81				. 0	. 2	1.0	1.1	1.1	. 8	1.0	.6		. 2	. 1				163	164		
80/ 79				. 4	. 7	1.1	1.5	2.0	8	. 5	. 5		. 2	. 1				202	202	3	
78/ 77		,	. 1	. 4	. 9	1.5	1.2	1.1	. 8	.7	. 2		. 2	i				179	179	15	
76/ 75		1	. 2	. 7	.9			. 8	. 8	.7	.4	. 2	• 1				1	173	173	53	
74/ 73			. 2	. 6	' n	9	. 6	1	1	.7	. 5	.1)				153	153	83	
72/ 71	_	• 1	. 4	.6							• 1							165		153	
70/ 69			. 4	1.1	. 8		1			. 6			}				1	157	157	210	
68/ 67		.3	.5	8										 				124	124	217	
66/ 65		2	. 3					7	. 6	.1							Ì	141	141	226	1
64/ 63	.(. 4	.7		. 2								+				 	108		196	− î
62/ 61	ì		4	5					. 2		i		1	i			ĺ	79	79	165	i.
60/ 57	• 1		. 4							1							 	78		209	1
58/ 57			. 6							√	l			1				80		193	ĩ.
56/ 55	. 1	1.0	• 1		.4					1	 		1				 	64	64	197	<u> </u>
54/ 53	2		. 4		. 4	• 2			Ì	i			ļ	ì				59		170	i.
52/ 51	9.¥	.3	, 1	• 2					-	 	i						†	22	2.2	115	î
50/ 49	• 9		2	. 2					ļ		ĺ			- 1	1			22		80	ī
48/ 47	· (• 2					 	 		 		—— <u>†</u>				 	17		59	$-\frac{1}{1}$
46/ 45	• `	ā	. 2	-2	• •	• •	î			i		l i		- 1			İ	7		47	
44/ 43	.(-		 	 		 	 						 	9		28	
42/ 41	• (1 • 4	• •	i . • Q	i		İ			İ				Ì				1	1	22	
40/ 39		+	.0				 	 	 								 	2	2	10	
38/ 37			• 0	• •		i					į	l i			i		1	1	4	• 0	
		 		 	 -		 	 	 	 							 	 		3	
36/ 35		1											1						l i	و	
34/ 33		 		 	 	 	-	 	-	 	 	 -					 	 			
32/ 31				i I			1				i :			ļ				!		i	
30 / 29 Element (X)		Σχ²		-	Z X			-		No. 01					Mage 4	10.06.4	i laure m''	h Tempero			
Rel, Hum,		~ X ·		 -	~ <u>X</u>		X	- TA	' - -	No. U	,,,		7 -	20 E				, 			r
								 -	$-\!\!+\!\!\!-$			# 0 F		32 F	≥ 67	<u>-</u>	73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb								 										 		 -	
Wet Bulb				ļ				1	l l		1		i	- 1		- 1		1	1		

C

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR "EATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 YAK! (1200-1400 HOURS (L. S. T.) PAGE 2 TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Pain WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 | 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 28/ 27 16 26/ 25 24/ 23 22/ 21 20/ 19 8 5.1 5.6 9.010.512.814.113.511.3 8.1 IDIAL 2454 2454 2454 C C 0.26.5 (OL A) 0 FOEM FUL 64 Element (X) No. Obs. 54.017.946 72.510.278 61.2 8.093 2454 2455 2454 Rel. Hum. 7941669 13162095 9345633 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 10 F 66.9 27.8 50.0 5.8 Dry Bulb Wer Bulb 150133 2454

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWIRTH KANS/SHERMAN AAF 37-53,62-72 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 | 28 | 29 - 30 | D.B./W.B. Dry Bulb 96/ 95 94/ 93 • 0 35 92/ 91 61 6 i 90/ 89 88/ 87 103 103 168 168 86/ 85 150 150 84/ 83 185 185 82/81 174 174 80/ 79 . 6 170 78/ 77 176 76/ 75 89 74/ 73 169 169 127 131 127 72/ 71 67 70/ 69 68/ 67 143 139 231 88 148 238 66/ 65 88 88 206 64/ 63 179 174 88 62/ 61 88 60/ 59 58/ 57 67 67 69 196 158 172 58 206 58 56/ 55 . 8 54/ 53 44 141 114 77 52 23 23 52/ 51 50/ 49 134 12 48/ 47 46/ 45 44/ 43 83 40/ 39 59 38/ 37 36/ 35 34/ 33 32/ 31 30/ 29 Mean No. of Hours with Temperature Element (X) 267 F | 273 F | 280 F | 293 F Total ≤ 32 F Rei Hum. ± 0 F Dry Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 WET BULB TEMPERATURE DEPRESSION (F)
1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Po C 28/ 27 26/ 25 C C C C 0.26 5 (OL C Mean No. of Hours with Temperature Rel. Hum. 129616 179871 52.318.917 73.410.474 10F 267 F 273 F 280 F 7726316 2453 2452 2453 2453 Dry Bulb 13463681 68.7 30.7 150806 130798

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 WET BULB YEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 92/ 91 90/ 89 88/ 87 86/ 85 18 45 87 93 135 135 108 136 72/ 71 153 63 68/ 67 227 171 C) gross 172 63 201 125 125 232 182 136 55 90 83 83 183 137 73 77 .0 24 46 27 36/ 35 32/ 31 30/ 29 28/ 27 26/ 25 Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Pair 24/ 23 TOTAL .713.d14.415.313.211.310.1 7.7 6.2 3.6 1.7 1.1 2426 2426 2426 10881409 11331039 155905 163997 267 F 273 F 280 F 293 F 2426 93 Dry Bulb 2426 2426

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Wet Bulb Dew Po 84/ 83 82/ 81 80/ 79 36 36 78/ 72 85 75 85 76/ 74/ 73 72/ 71 70/ 69 97 97 113 119 122 68/ 67 161 161 178 178 179 129 64/ 63 166 208 183 183 201 174 174 C 161 161 119 194 52/ 51 119 152 49 110 48/ 67 94 71 83 53 53 27 82 13 40/ 39 38/ 37 12 36/ 35 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 TOTAL 4.630.223.515.d12.d 7.d 3.9 2.3 2334 2334 2334 2334 Element (X) Mean No. of Hours with Temperature 14292555 8872872 179115 142174 131390 76.715.312 60.9 9.542 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. Dry Bulb 27.8 12.1 56.3 8.199 52.9 8.981 2334 7553308 10.3 Wet Bulb 6731038 2334

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 39-53,62-71 JUN 0 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Buib Wet Buib Dew Point 90/89 88/ 87 86/ 85 .0 84/ 83 82/ 81 76/ 113 • 0 76/ 75 74/ 73 131 721 71 70/ 69 232 235 239 211 68/ 67 283 283 66/ 65 262 302 264 263 64/ 63 280 300 171 171 192 157 62/ 61 157 237 98 57 .0 84 85 131 55 53 98 57 41 52/ 51 50/ 49 60 33 1.1 39 45 12 25 46/ 11 43 42/ 41 40/ 39 38/ 37 5.944.024.115.3 7.0 2.5 2210 2218 FOEM JUL 64 Element (X) Rel. Hum. 16269864 188556 85.01C-413 2218 ≥ 67 F Dry Bulb 149560 142177 67.3 7.505 64.1 6.486 62.4 6.644 10187332 2223 9207019 Wet Bulb 90 138346

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71 TOTAL TOTAL DOWN Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 88/ 87 86/ 85 84/ 83 82/81 80/ 102 102 74/ 73 150 67 157 150 72/ 157 249 187 239 317 271 67 271 260 294 280 280 240 175 299 310 64/ 63 239 219 179 177 174 163 60/ 162 106 110 82 124 86 48 107 52/ 51 50/ 49 48/ 47 46/ 45 57 51 51 23 44/ 43 42/ 41 10 6 2279 40/ 39 9.050.325.110.3 3.6 1.4 2284 2279 2279 (OL A) 0.26.5 Element (X) 199455 149577 87.5 9.179 65.5 7.216 63.0 6.490 2279 2284 17647959 20F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 9914531 9127078 41.8 15.0 Dry Bulb Wet Bulb 143464 90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 88/ 87 86/ 85 84/ 83 46 46 60 110 .0 75 73 183 183 761 150 214 224 224 200 69 67 254 307 68/ 241 322 180 181 63 206 61 120 60/ 59 110 160 58/ 57 56/ 55 56 52/ 51 39 27 46/ 45 .0 43 3 38/ 37 36/ 35 2363 õ 2363 2363 No. Obs. Mean No. of Hours with Temperature 15726747 19094 80.811.217 2363 58.1 90 Dry Bulb 11412830 10057274 2365 163394 69.1 7.248 64.9 6.212 90 Wet Bulb 153460 2363 39.3 145067

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR MEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 37-53:62-72 0900-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 98/ 97 96/ 95 94/ 93 92/ 91 90/ 89 .0 69 69 86/ 85 181 181 83 82/ 81 226 79 214 80/ 78/ 219 16 219 76/ 2.6 73 217 236 158 158 72/ 71 132 70/ 132 69 268 687 67 327 239 66/ 65 77 77 193 250 64/ 63 .2 129 62/ 61 42 42 97 42 166 60/ 58/ 57 76 114 94 64 54/ 53 38 89 51 53 50/ 48/ 47 46/ 27 45 44/ 43 42/ 41 40/ 39 38/ 37 .8 7.511.514.516.518.715.d 8.9 4.3 1.6 2366 2366 TOTAL 2366 2366 Element (X) No. Obs. Mean No. of Hours with Temperature 10946620 13953494 11045229 Rel. Hum. 157508 2366 ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 66.613.963 180680 52.9 76.4 8.117 68.0 6.244 Dry bulb 2366 160981 57.0 90 2366 Wet Bulb 2366 Dev Point 150843 6.0

USAFETAC FORM 0.26-5 (OLA) REVISE MENOUS FORMAN OF THIS FORMAN OLD OFFITE

() DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 () PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. () D.B./W.B. Dry Bulb Wet Bulb Dew Port 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 106/105 104/103 102/101 100/ 99 98/ 97 16 16 96/ 95 43 43 94/ 93 . 1 83 83 92/ 91 0 90/ 89 88/ 87 179 179 216 219 86/ 85 219 84/ 83 227 82/ 81 206 206 90 190 190 78/ 190 190 168 76/ 75 151 151 294 74/ 73 72/ 71 126 111 111 107 108 327 87 87 266 70/ 69 306 66/ 65 64/ 63 29 19 96 163 62/ 61 29 81 60/ 59 58/ 57 31 56/ 55 16 54/ 53 50/ 49 46/ 45 44/ 43 42/ 41 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 JUN 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Dew Point (38/ 37 TUTAL 2365 7 3.6 5.7 8.311.213.416.214.512.0 7.1 2367 2366 2366 õ C FO.EM Element (X) 58.514.995 80.9 8.554 69.6 6.209 8618356 15663336 11567820 138294 191482 164784 2365 2367 Rel. Hum. 267 F 273 F 280 F 293 F Dry Bulb Wet Bulb 2366 32.3

2.5 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 PAGE 1 1500-1700 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Ory Bulb Wet Bulb Dew Por Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 106/105 104/103 102/101 100/ 99 98/ 97 32 32 96/ 95 67 67 94/ 93 88 88 92/ 91 146 188 90/89 188 88/ 87 228 228 86/ 85 236 236 0 206 206 82/81 201 201 80/ 79 208 208 78/ 150 150 76/ 75 148 283 320 129 741 73 88 88 72/ 71 84 73 73 70/ 69 63 234 68/ 67 63 302 34 34 180 66/ 65 289 64/ 63 20 16 62/ 61 89 177 84 50 58/ 57 133 56/ .3 53 ৰ 50/ 48/ 47 46/ 45 20 42/ 41 40/ 39 Element (X) Mean No. of Hours with Temperature Rel. Hum. 20F 1 32 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53:62-72 NUL 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 38/ 37 TOTAL 2363 2363 2363 8 õ No. Obs. Element (X) Mean No. of Hours with Temperature 8099798 16115699 2363 2363 85.5 77.1 59. Rel. Hum. 56.615.110 82.1 8.636 90 59.1 Dry Bulb 70.1 6.067 34.8 9.1 Wet Bulb 11692107 165599 2363 66.9 3.0 90 9846313 2363 90 151509

PSYCHROMETRIC SUMMARY USAF ETAC AIR MEATHER SERVICE/HAC FORT LEAVENWORTH KANS/SHERMAN AAF 36+53,62-72 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 102/101 100/ 99 98/ 97 96/ 95 94/ 93 26 26 32 92/ 91 32 90/89 120: 120 88/ 87 86/ 85 84/ 83 166 166 82/ 81 80/ 79 200 230 189 321 158 158, 338 68/ 67 280 66/ 65 203 289 64/ 63 62/ 61 39 35 111 91 14

28

SAFETAC PORM 0.20

54/ 53

42/ 41 40/ 39 38/ 37 Element (X) Rel, Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 JUN O 1800-2000 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point
2343 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 2343 TOTAL 1.2 9.615.315.315.314.411.3 8.1 5.4 2.3 1.2 2343 .3 .1 • 0 2343 2343 0 O 0 0 0 0 0 0 0 0.26-5 (OL Element (X) No. Obs. Mean No. of Hours with Temperature 11497037 13963380 11162216 9942310 160039 179840 161092 151766 68.314.980 2343 267 F 273 F 280 F 293 F ± 0 F 76.8 8.253 68.8 6.074 35.7 63.0 Dry Bulb Wet Bulb

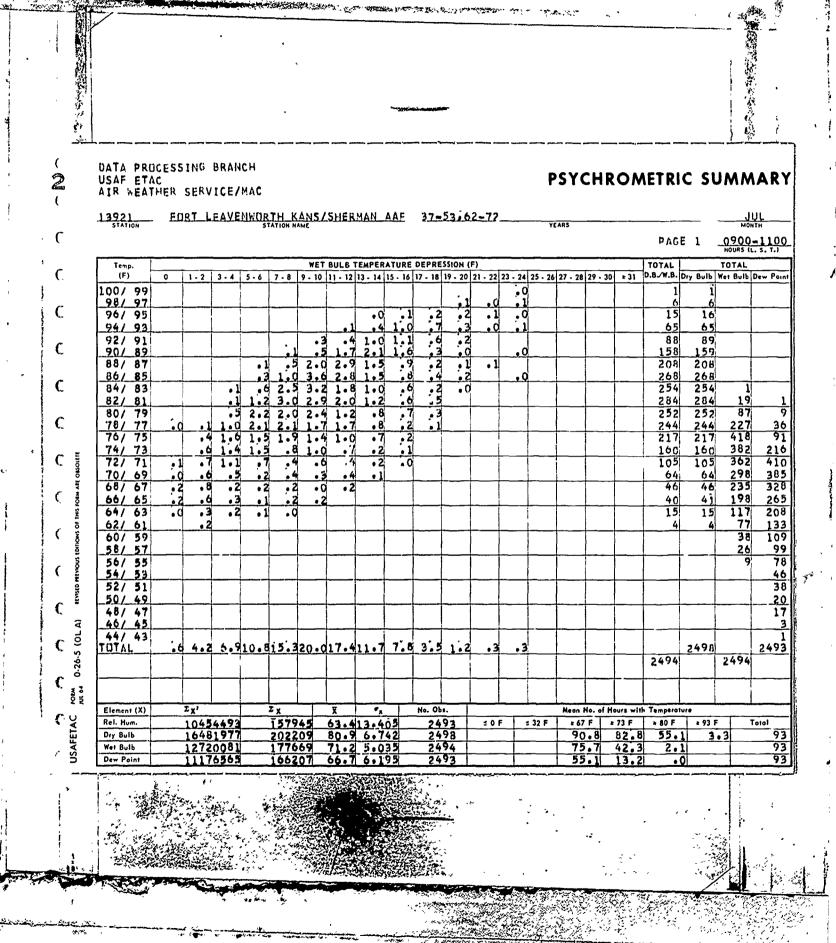
DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FURT LEAVENHORTH KANS/SHERMAN AAF 37-53,62-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Pour (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 92/ 91 88/ 86/ 85 97 84/ 83 82/ 81 80/ 76/ 291 72/ 70/ 69 68/ 60/ 56/ 52/ 50/ 49 48/ 40/ 39 3.331.324.819.d12.3 5.5 2.7 0.26.5 Element (X) No. Obs. ≥ 80 F Rel. Hum. ≥ 67 F ≥ 73 F 80.811.676 33.7 62.1 Dry Bulb Wet Bulb 6.333

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71 O 0000=0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL \mathbf{C} D.B./W.B. Dry Bull Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 1 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 90/ 89 88/ 87 .0 21 86/ 85 .0 82/ 89 C151 78/ 171 171 180 182 76/ G253 376 73 286 288 120 291 291 71 70/ 69 225 225 327 C 67 201 179 266 68/ 201 233 66/ 65 151 203 151 63 103 90 103 61 59 2.9 161 205 62/ 53 27 53 108 57 58/ O 53 22 32 62 51 50/ 49 48/ 47 3.742.825.913.5 8.3 2304 2304 2304 9 Element (X) No. Obs. Mean No. of Hours with Temperature 16657627 11640540 84.310.756 70.7 6.933 67.2 5.704 2304 2309 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 163162 Dry Bulb 67.5 38.6 2304

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF C 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C D.B. W.B. Dry Bulb Wet Bulb Dew Por 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 98/ 97 86/ 85 .0 84/ 83 15 15 80/ 68 68 C 78/ 141 199 218 199 76/ • 0 83 218 319 72/ 331 333 71 8.2 301 405 397 301 70 258 258 272 322 283 211 262 202 202 270 169 169 63 207 136 137 59 120 121 186 58/ 57 83 83 121 85 47 47 56/ 55 1.7 52/ 51 19 19 33 55 48/ 46/ 45 44/ 43 TOTAL 2379 2384 2379 2379 C 0.26.5 (OL A) C C Mean No. of Hours with Temperature Element (X) Rel. Hum. 18359059 207829 87.4 9.243 68.5 6.631 65.8 5.783 2379 267 F 273 F 280 F 293 F Dry Bulb 11296846 163346 156559 2384 60.8 10382483 9958779 Wet Bulb 48.0

Č, DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53-62-72 JUL 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 0 1-2 3-4 5-6 7-8 90/89 . 0 . 0 88/ 41 73 86/ 85 41 73 83 117 118 .0 .0 82/ 81 .6 • 1 180 180 78/ 238 239 75 294 295 76/ (306 321 321 163 74/ 73 2.6 305 305 400 298 72/ 279 279 394 3.9 442 70/ 69 311 292 (346 67 214 293 2.6 2.0 164 165 66/ 65 1.1 104 106 223 266 64/ 63 58 58 153 222 62/ 61 100 42 164 43 59 58/ 57 56/ 55 54/ 53 52/ 51 23 23 61 80 36 50/ 49 48/ 2.424.427.723.312.6 5.9 2.7 2501 2492 TOTAL 2492 2492 õ €. 0.26.5 No. Obs. Mean No. of Hours with Temperature Element (X) 199676 181357 169480 80.111.063 72.5 6.327 68.0 5.141 2492 16304262 13250971 11592098 Rel. Hum. 267 F | 273 F | 280 F | 293 F Dry Bulb 2501 47.7 93 2492 59.8 18.6 Wet Bulb 93 163900 2492 Dew Point



eÿ, 6. DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENHORTH KANS/SHERMAN AAF 37-53,62-72 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.S. Dry Bulb Wet Bulb Dew Poin 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 106/105 104/103 102/101 19 100/ 99 38 38 98/ 97 96/ 95 132 133 94/ 93 182 182 201 90/ 89 285 285 88/ 87 260 260 256 86/ 256 235 84/ 83 235 82/ 81 80/ 79 213 213 196 20 188 138 148 148 331 **38** 78/ 77 90 401 122 76/ 90 384 255 74/ 73 34 309 238 70/ 69 •0 213 323 68/ 67 228 66/ 65 197 64/ 63 58 146 62/ 61 60/ 59 112 109 58/ 57 56/ 82 62 54/ 53 52/ 39 30 50/ 49 26 48/ 47 13 2499 46/ 45 12 1.8 3.2 4.6 7.210.d15.217.214.712.4 7.2 3.8 1.4 .6 2500 TOTAL 2499 2499 Element (X) No. Obs. 54.113.735 85.9 7.164 72.6 5.182 2499 267 F 273 F 280 F 293 F 92.5 89.7 75.7 17. Rel. Hum 7791323 135251 93 214818 Dry Bulb 18586960 13250416 80.5 93 Wet Bulb Dew Paint

3

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SEPVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 0 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C 2 31 D.B./W.B. Cry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 108/107 106/105 11 11 .0 102/101 100/ 99 64 64 \mathbf{C} 98/ 97 96/ 94/ 93 () 257 257 92/ 91 285 295 CO/ 89 88/ 87 252 252 86/ 85 226 84/ 83 226 88 187 187 211 80/ 163 163 78/ 77 75 121 76/ 367 72/ 71 288 70/ 69 68/ 67 310 66/ 65 194 64/ 63 62/ 61 60/ 59 58/ 57 56/ 55 88 52/ 51 50/_49 48/ 47 46/45 44/ 43 Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 C 1500-1700 HOURS (L. S. T.) TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) C 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31
-2 2-3 2-6 4-3 6-7 8-612-216-215-713-2 9-1 4-8 2-2 1-1 -6 -2 -1 TOTAL 2506 2505 2505 2505 C C C O No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 7526026 19024789 13405321 132506 2504 ≥ 73 F 86.8 7.320 73.0 5.138 92.7 89.7 82.0

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATMER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 100/ 99 98/ 97 37 96/ 95 62 62 94/ 93 103 103 .0 92/ 91 90/ 89 211 .0 88/ 87 221 86/ 85 204 204 84/ 83: 58 62/ 61 260 260 121 807 238 264 238 78/ 77 382 345 211 211 76/ 75 269 74/ 73 123 333 368 123 71 72/ 291 104 70/ 69 221 300 48 48 68/ 67 159 210 30 66/ 65 19 95 186 64/ 63 135 102 74 60/ 59 .0 58/ 50 56/ 55 39 19 52/ 51 50/ 49 48/ 47 46/ 45 2403 2403 3 6.914.515.314.413.912.5 9.9 2403 2403 Mean No. of Hours with Temperature No. Obs. Elêment (X) 67.014.777 80.7 7.302 71.9 5.174 67.9 6.174 20F 267 F | 273 F | 280 F 160999 2403 Rel. Hum. 11311309 193836 172827 2403 80.0 15763686 Dry Bulb 12494263 2403 Wer Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-72 2100-2300 HOURS (L. S. T.) PACE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 + 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 94/ 93 90/ 89 38/ 87 . 1 .0 86/ 85 84/ 83 82/ 81 207 207 80/ 79 48 202 78/ 77 202 75 73 83 761 327 327 363 243 243 2.4 3.6 309 202 202 70/ 69 1.6 290 265 68/ 67 186 188 136 137 66/ 65 104 64/ 63 .0 2.0 1.1 126 62/ 61 78 60/ 37 24 43 58/ 57 54/ 53 52/_51 50/ 49 2354 1.326.830.517.810.9 6.2 2.8 2357 2354 2354 0.26.5 (OL FORM JUL 64 Mean No. of Hours with Temperature Element (X) No. Obs. 15689785 12761732 11249089 2354 > 80 F < 93 F 80.911.133 73.3 6.794 68.9 5.485 ≥ 67 F | ≥ 73 F Rel. Hum. 18.6 52.5 Dry Bulb 93 162215 2354 64.2

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-71 AUG PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Cry Bulb Wet Bulb Dew Poin 90/89 88/ 87 , 1 12 86/ 85 84/ 83 . 1 46 82/ 81 46 93 80/ 79 78/ 75 73 C 197 235 244 246 69 .0 305 306 336 68/ 67 263 263 301 2.3 216 171 216 171 276 255 66/ 65 1.1 64/ 63 3.6 120 120 184 212 153 100 100 199 60/ 58/ 57 56/ 55 115 1.8 67 67 • 1 60 36 03 56/ 44 20 54/ 53 • 1 20 50/ 49 48/ 46/ 45 44/ 42/ 40/ 39 38/ 37 6.945.423.712.5 5.3 2.7 1.7 2235 2232 2232 2232 Š No. Obs. Element (X) Rel. Hum. 16586676 190616 85.411.746 2232 z 67 F ≥ 73 F | ≥ 80 F | ≥ 93 F Dry Bulb 10742375 154181 69.0 6.896 2235 61.1 9723285 146747 65.7 5.803 Wet Bulb

福東 子谷 DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FURT LEAVENWURTH KANS/SHERMAN AAF 38-53,62-72 O 86/ 85 10 32 51 . 0 32 51 80/ 77 75 73 60 78/ 103 195 70/ 69 68/ 67 294 267 66/ 65 185 185 192 191 182 62/ 61 182 203 206 58/ 57 2. 38 46 32 38 53 27 49 48/ 46/ 45 44/ 43 42/ 41 11.153.420.2 8.3 3.2 1.7 1.2 2311 0.26-5 (OL A) Element (X) 18304141 10511106 9720920 85.410.260 67.1 6.705 64.6 5.901 Ref. Hum, 204301 2 67 F 2 73 F 93 155184 Dry Bulb 40.2 93 Wer Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 98/ 97 90/ 89 10 10 88/ 87 24 55 86/ 85 55 • 0 84/ 83 82/ 81 116 114 80/ • C 78/ 77 76/ 75 74/ 73 171 171 •0 2.3 203 203 • 0 95 4.9 4.0 5.5 3.5 313. 356 232 299 300 72/ 71 •0 309 309 70/ 69 68/ 67 276 276 322 362 213 176 713 176 66/ 65 253 . 0 281 64/ 63 3.3 60/ 59 2.2 96 58/ 57 31 66 56/ 55 31 54/ 53 52/ 51 35 22 53 22 50/ 49 11 45/ 47 46/ 45 44/ 43 42/_41 40/ 39 2486 TUTAL 6.133.627.417.0 8.9 4.1 2.1 2485 Mean No. of Hours with Temperature No. Obs. Element (X) • 93 F 17418511 12300495 10950386 200169 173983 164556 Rel. Hum. 83.011.236 2485 ≥ 73 F > 80 F 70.0 7.072 66.2 5.799 2485 65.7i Dry Bulb 8.6 2485 2485 Wer Bulb

N. A. ĄÌ. DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 C 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 98/ 97 94/ 93 55 92/ 91 80 BO 119 90/89 119 C 88/ 87 86/ 85 189 187 187 G 82/ .0 237 238 81 80/ 79 78/ 77 244 244 186 1.5 211 211 18 1.6 O 76/ 75 230 331 230 741 73 1.9 226 226 • 0 356 72/ 71 192 192 G 306 70/ 69 135 135 409 68/ 67 73 73 242 337 255 239 66/ 65 • 4 66 66 0 172 208 64/ 63 31 62/ 61 60/ 59 107 164 62 31 136 58/ 57 56/ 54/ 53 48 36 50/ 49 18 48/ 47 46/ 45 44/ 43 42/ 41 2485 .6 7.111.113.d15.817.813.9 9.3 6.7 2.9 1.3 2486 2485 2485 70 EM Element (X) Mo. Obs. 78.9 7.533 70.1 5.342 65.8 6.206 11275166 163576 2485 ≥67 F ≥ 73 F > 80 F ≥ 93 F 93 93 15628330 12270638 10855605 88.2 2486 2485 73.2 Dry Bulb 196218 Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 C 1200-1400 PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. C 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Form 106/105 102/101 12 43 100/ 99 88 98/ 97 88 96/ 95 116 116 140 94/ 93 140 187 187 235 235 • 0 90/ 89 .0 88/ 87 231 231 233 233 86/ 85 C 231 231 84/ 83 207 207 82/ 81 175 80/ 79 170 78/ 77 157 157 262 1,1 320 73 74/ 74 74 307 72/ 71 258 70/ 69 45 45 390 30 300 68/ 67 211 123 70 23 221 66/ 65 64/ 63 206 163 62/ 61 142 60/ 59 123 58/ 57 105 56/ 55 54/ 53 68 52/ 5: 50/ 49 48/ 47 46/ 45 15 44/ 43 42/ 41 40/ 39 Mean No. of Hours with Temperature Element (X) 267 F 273 F 280 F ≥ 93 F ≤ 32 F Total Rel. Hum. ≤ 0 F Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 C 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point TOTAL .4 2.2 5.4 6.5 7.310.914.913.613.711.4 7.0 3.8 2.0 .8 2477 .0 2480 EDITORS ಠ 0.26.5 FO.24 Element (X) No. Obs. Mean No. of Hours with Temperature 8185094 17519867 12833788 10812799 55.515.187 84.4 7.990 71.7 5.529 65.7 7.995 2476 2477 2480 137306 Rel. Hum. 267 F 273 F 280 F 293 F 5 0 F 5 32 F 91.2 75.0 209161 177876 85.6 45.9 68.1 Dry Bulb Wet Bulb Dew Point

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S. William DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** 2 USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 AUG 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Poin 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 106/105 104/103 102/101 17 17 . 0 100/_99 43 43 98/ 97 96/ 95 .0 89 89 48 94/ 93 92/ 91 179 253 90/ 89 253 88/ 87 217 86/ 85 246 246 84/ 83 188 82/ 81 188 • 8 26 75 80/ 79 150 • 5 289 78/ 130 130 76/ 75 398 99 74/ 73 72/ 71 347 178 • 3 302 255 57 267 350 45 45 70/ 69 243 68/ 67 187 66/ 65 105 64/ 63 10 172 53 62/ 61 12 12 O 60/ 59 140 137 58/ 57 56/ 55 71 54/ 53 52/ 51 50/ 49 29 õ 48/ 47 46/ 45 11 44/ 43 42/ 41 40/ 39 Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥ 73 F ≥ 80 F ≥ 93 F 10F ≤ 32 F ≥ 67 F Total Dry Bulb Wer Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Builb | Wet Builb | Dew Point Temp. (F) 36/ 37 TOTAL 2.6 3.4 5.9 8.410.912.712.813.710.4 9.6 4.3 2476 2474 () 0 \mathbf{C} 0.26-5 (OL Ref. Hum. 7807117 18182802 12919573 133671 211212 178351 54.015.378 85.4 7.816 72.0 5.416 2474 2474 ≥ 80 F 2 67 F ≥ 73 F Dry Bulb 2476

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/S. MAN AAF 38-46,48-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Port 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 100/ 99 96/ 95 94/ 93 92/ 91 84 90/ 89 88/ 87 102 102 86/ 85 183 183 84/ 83 • 1 82/ 81 205 205 80/ 79 250 250 159 82 1.1 2.8 2.3 75 231 232 76/ 1.3 193 184 184 72/ 149 305 291 70/ 69 149 108 108 68/ 67 1.5 • 0 66/ 65 38 64/ 63 38 203 96 200 60/ 59 12 58/ 57 0.5 69 56/ 55 .d 53 54/ .0 52/ 51 30 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41 36/ 35 2343 TUTAL 2343 2343 Element (X) No. Obs. Mean No. of Hours with Temperature 165889 182012 70.815.351 77.6 7.531 Rel. Hum. 12297195 2343 ≥73 F ≥ 80 F ≥ 93 F Dry Bulb 86.3 68.8 38.6 14254218 2346 11606099 33.9 Wet Bulb 70.2 5.566 164387 2343 68.9

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72 O WET BULB TEMPERATURE DEPRESSION (F) O 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 90/89 88/ 87 86/ 85 () 81 158 62 231 23 i 85 73 71 220 114 240 275 240 272 287 206 70/ 69 283 283 367 338 217 182 68/ 67 182 232 3.9 66/ 65 227 62/ 61 60/ 59 2.5 178 131 79 70 70 58/ 57 26 26 31 20 27 53 54/ 461 45 10 42/ 41 40/ 39 38/ 37 2.835.527.616.9 8.6 4.2 2.1 1.1 2288 2285 2285 2285 Etement (X) Mean No. of Hours with Temperature 2285 Rel. Hum. 15754255 187711 ≥ 67 F ≥ 73 F ≥ 80 F 11711461 10394820 162949 153544 71.2 6.821 67.2 5.814 2288 2285 39,2 Dry Bulb Wet Bulb 9:1

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70 0000-0200 HOURS (L. S. T.) PAGE 1 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 92/ 91 84/ 83 82/ 81 80/ 79 767 77 27 28 78 72/ 71 112 70/ 69 138 101 3.d 1.7 137 155 132 150 64/ 63 199 201 199 137 157 148 167 62/ 61 133 161 161 156 172 172 160 139 175 124 137 54/ 53 124 137 132 123 123 48/ 47 • 0 46/ 2.2 42/ 41 60 40/ 39 38/ 37 21 34/ 33 17 32/ 31 3C/ 29 TOTAL 9.654.718.9 9.7 3.7 1.7 ತ 2109 2109 2109 Element (X) No. Obs. Mean No. of Hours with Temperature 16038974 7941244 7181388 182442 128504 121726 86.511.032 60.4 9.321 57.7 8.594 Rel. Hum. 2109 90 2129 Dry Bulb 8.0 2109 Wet Bulb 90 16.5

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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FURT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70 13921 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point .0 92/ 91 90/ 89 82/ 81 80/ 79 19 19 78/ 77 33 76/ 75 73 51 53 13 <u> 10ĩ</u> 124 • 1 70/ 69 2.8 • 0 150 150 139 68/ 67 167 66/ 65 169 169 .0 64/ 63: 192 198 158 161 52/ 61 .0 168 151 154 60/ 59 132 57 132 160 181 181 53 1.1 132 132 52/ 129 129 102 102 50/ 119 2.7 130 72 89 • 0 28 66 42/ 41 25 20 25 40/ 39 33 37 22 22 25 35 33 36/ 34/ • 1 32/ 31 30/ 29 24/ 23 TUTAL 15.154.517.9 B.d 2.6 2229 2249 • a 2229 2229 Element (X) No. Obs. Mean No. of Hours with Temperature 197213 131817 125692 88.510.250 58.6 9.586 17682691 2229 Rel. Hum. 267 F | 473 F | 280 F 58.6 9.586 56.4 8.939 54.9 9.134 Dry Bulb 2229 Wet Bulb Dew Point

FORM 0-26-5 (OL.A)

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 0600=0800 HOURS (L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 21 0 90/ 89 88/ 87 .0 86/ 85 84/ 83 82/ 81 80/ 79 18 18 .0 60 61 • 0 78/ 77 78 78 74/ 73 72/ 71 90 94 81 56 135 138 149 150 166 80 70/ 69 • 0 176 178 176 171 66/ 65 64/ 63 180 184 188 187 189 190 144 62/ 61 184 186 60/ 59 161 166 176 161 58/ 57 196 184 164 184 135 135 203 160 179 112 112 133 39 184 89 83 83 2.0 73 73 100 108 46/ 45 45 69 95 44/ 43 28 28 40/ 39 38/ 37 32/ 31 30/ 29 28/ 27 FORM JUL 64 Mean No. of Hours with Temperature Element (X) Rel. Hum. 10 F Dry Bulb Ket Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERHAN AAF 37-53:62-72 0600-0800 HOURS (L. S. T.) D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 8.541.126.213.4 6.3 2.7 1.0 .5 .2 .1 .0 TOTAL 2454 2435 2435 C. 0-26-5 (OL A) € 70 EN No. Obs. Element (X) Mean No. of Hours with Temperature 2434 2454 2435 83.711.923 61.0 9.688 57.8 8.824 55.7 9.173 Rel Hum 17399955 203739 : 0 F 9373649 8329797 7757108 149793 140789 10.6 Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53.62-72 0900-1100 PAGE 1 TOTAL TOTAL
D.B./W.B. Dry Bulb Wer Bulb Dew Poil WET BULB TEMPERATURE DEPRESSION (F) 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 102/101 98/ 97 96/ 95 94/ 93 92/ 91 19 19 90/ 89 34 88/ 87 86/ 85 78 83 102 104 82/ 80/ 78/ 76/ •0 74/ 188 190 191 189 184 187 226 188 68/ 67 188 66/ 173 173 641 63 146 62/ 108 108 60/ 111 111 216 58/ 183 36/ 60 51 52/ 168 29 29 60 140 48/ 47 46/ 45 40/ 39 38/ 37 36/ 35 34/ 33 Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

就有不好的 DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** 2 AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 O WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 1 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Pol Temp. 0 32/ 31 30/ 29 26/ 25 \mathbf{O} 22/ 21 20/ 19 TOTAL (1 2443 2424 2424 2424 (1 O C C CC 0.26.5 (0) C Element (X) Mean No. of Hours with Temperature Rel. Hum. 10663062 12589135 9681789 155834 173748 151983 64.316.264 71.1 9.748 62.7 7.935 267 F 273 F 280 F 293 F 90 Dry Bulb 61.4 Wet Bulb 31.3

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/ IAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERHAN AAF 37-53,62-72 YEARS YEARS

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Element (X)		ΣX,		Σχ		_	¥	0,2		No. O	bs.							h Tempera	ture			
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Wer Bulb	_						_		ļ	-									<u>i</u>		_{	
Dew Paint				i			1		l	1		1		ı	. !		1		}		i	

IAC 10th 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 46 40/ 39 21 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 7.0 7.910.413.015.013.4 8.6 5.4 3.4 2.2 2424 TUTAL 2424 2424 õ 0.26.5 FORM JUL 64 No. Obs. Mean No. of Hours with Temperature Element (X) 53.617.776 77.010.380 64.7 7.809 7740384 14771980 10306650 130026 188420 155924 2424 2447 ≥ 67 F ≥ 73 F ≥ 80 F ± 0 F ≥ 93 F Rel. Hum. 75.6 39.7 61.2 15.9 Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 110/109 108/107 106/105 104/103 102/101 100/_99 98/ 97 96/ 95 53 93 92/ 91 90/89 125 130 ۰d () 88/ 87 86/ 85 131 126 161 163 82/ 01 160 161 80/ 193 78/ 213 186 160 158 185 193 166 167 70/ 69 246 143 143 68/ 67 135 77 229 105 65/ 65 234 63 73 62/ 61 68 68 183 191 54 60/ 59 O 58/ 26 171 .0 26 56/ 53 48/ 47 46/ 45 83 Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb

1 DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 1500+1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEFRESSION (F) TO7AL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir 42/ 41 65 .0 38/ 37 31 36/ 35 34/ 33 16 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 TOTAL .6 5.5 3.8 7.2 8.110.313.013.013.1 9.0 6.0 3.3 2.1 1.2 2448 2424 2424 2424 õ 0.26.5 70th CI 64 Element (X) No. Obs. Mean No. of Hours with Temperature 130062 188776 53.718.055 77.110.209 64.8 7.599 267 F - 73 F 280 F 76.7 61.4 37. 7768460 2424 ≥ 93 F Rel. Hum. ≤ 0 F 90 37.9 61.4 14812768 Dry Bulb 2448 Wet Bulb 10320171 157089 2424 40.3 90 Dew Point 2424

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.					*	WET	BULB 1	FEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew Point
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96/ 95													•0		.0			2	2.		
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34/ 33						<u> </u>	<u> </u>	ļ						<u> </u>			<u>. </u>			ļ	10
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Wet Bulb				ļ		_			_			····			<u> </u>			<u> </u>			
Dew Point								<u> </u>			i		L_		<u> </u>			l		!	

TAC FORM 0.26.5 (OLA) REVISED MEYIOUS EDITIONS O

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72 €. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir (32/ 31 30/ 29 TUTAL 1.720.524.718.112.9 9.5 5.7 3.8 1.3 2269 2269 2269 ಠ No. Obs. Mens No. of Hours with Temperature Element (X) 12880529 10689478 8804735 2269 2293 73.815.100 67.6 9.604 167489 ≥ 67 F ≠ 73 F Dry Bulb 155004 49.5 61.8 8.008 58.2 8.834 2269 28.0 140171 Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38-39,41-46,48-53,62-72 SEP

PAGE 1 2100-2300

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Dew Point			1251		1225			8.7			60			- 3	14.4		8	- 	-	

FORM 0.26-5 (OLA) EENSED MENIOUS EDITIONS OF IT

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

≥ 67 F = 73 F ≥ 80 F = 93 F

FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 76/ 75 74/ 73 28 . 1 70/ 69 68/ 67 38 43 65 65 • 1 66/ 65 78 31 64/ 63 82 62/ 61 60/ 59 58/ 57 88 88 •0 73 128 106 128 124 56/ 55 125 125 116 52/ 51 150 118 158 162 163 150 133 48/ 47 121 121 168 140 46/ 45 158 44/ 43 125 125 164 138 166 101 92 135 167 40/ 39 38/ 37 36/ 35 62 58 128 60 58 102 33 31 98 46 29 23 32/ 32 96 1.2 10 10 24/ 23 22/ 21 20/ 19 18/ 17 14/ 13 12/ 11 8/ 7

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Rel. Hum.

Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DCT FORT LEAVENWORTH KANS/SHERMAN AAF 38-53:62-70 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 6.6 48.0 21.5 11.6 5.2 4.4 1.6 .5 .3 .3 .0 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2091 2064 TOTAL 2064 2064 0.26 5 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature 166937 105657 13939255 2064 2091 Rel. Hum. 80.914.560 50.510.546 47.4 9.620 3.6 5.1 Dry Bulb Wet Bulb 4820011 97747 2064 2064

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ŕ. DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY DCT FORT LEAVENWORTH KANS/SHERMAN AAF 38-53,62-70 0300-0500 PAGE 1 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 78/ 77 .0 76/ 75 11 73 11 741 16 72/ 71 34 35 . 2 .0 . 0 70/ 69 68/ 67 34 36 22 32 70 70 •0 .0 . 1 66/ 65 1.1 79 64/ 63 85 .0 62/ 61 102 92 93 60/ 59 57 109 109 2.5 .0 131 131 2.5 111 175 142 53 . 8 111 109 172 50/ 49 3.4 2.0 •0 168 171 147 158 146 151 151 191 . 6 133 46/ 45 3.9 169 127 127 44/ 43 151 157 168 3.4 .0 151 1.2 42/ 1.0 40/ 39 156 156 4.0 104 141 127 38/ 37 2.8 .0 105 100 74 34/ 33 32/ 31 89 1.9 64 64 65 46 42 29 30 30/ 29 .0 28/ 27 26/ 25 16 10 22/ 21 20/ 19 18/ 17 16/ 15 14/ 13 FORM JUL 64 Element (X) Mean No. of Hours with Temperature ± 0 F Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 38=53,62=70 (1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (T 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point TOTAL 11.750.820.110.5 4.0 1.7 .5 (1 (; O C 0.26 5 (OL No. Obs. Element (X) Mean No. of Hours with Temperature 83.913.061 48.810.551 15913**33**2 5576820 Rel. Hum. 185176 2207 Dry Buth 109172 2237 Wet Bulb 46.2 9.803

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

PAGE 1 0600-0800 HOURS (L. S. T.)

| WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dr 68/ 87 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 71 •0 70/ • 0 .0 68/ 67 66/ 65 64/ 63 62/ 60/ 55 58/ 56/ 52/ 50/ 48/ 46/ 4: 40/ 39 38/ 36/ 34/ 30/ 28/ 27 26/ 25 24/ 22/ 21 20/ 19 18/ 17 Element (X) Rel. Hum Dry Bulb

AC FORM 0.26.5 (OLA) REVISIO MENSIO MENSIO MENSIO

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION STATION NAME

PAGE 2 0600-0860
HOURS (L. S. T.)

Temp.		_	_								SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26 2	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pa
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Element (X)		žx2		-	ZX	1	X	•,	<u> </u>	No. Ol			<u>l</u>		Maga	40.00		h Tempera			
Rel, Hum.		1663	1470	<u> </u>	2001	00	80.8				75	± 0 F		32 F	##en r		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		100	3025	2	125	100	50.2	10.3	84	2 %	01	- 0 1	 - 	4.4		.9	1.0		0	`	
Wet Bulb		<u>572</u>	091	A	116		47.1	0.5	49	<u> </u>	75		+	6.8		. 8	<u>رود.</u> 0.			_	
Dew Point			101		1097		44.1	100	SA	24	75			13.7	*	. 8	•×	 	-i -		

AC FORM 0.26.5 (OL. A) RINNE PRINCE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.				WETB	ULB T	EMPERA	TURE C	EPRES	SION (F					TOTAL		TOTAL	
(F)		3 - 4	5 - 6 7 -	8 9 - 10 1	1 - 12 1	3 - 14 1	5 - 16 1	7 - 18 1	9 - 20 2	1 - 22 23	3 - 24 25 - 2	6 27 - 28 29	- 30 ≥ 31	D.B./W.B. D	ry Bulb 1	Met Bulb D	ew Point
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86/ 85	•			• 0		• 0	. 0	. 1	. 1	:	• 1		i	10	10	i	
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82/81			1	.0 .2	• 2	•)	. 2	. 2	. 2	•	ĺ		1	28	28	!	
80/ 79	·•		-1.	.11 .2	•6	•6	. 2	.2	• 1	• 1'		1 1		58	38		
78/ 77		. 1		6 4	• 4	• 4	. 4	. 2	• 2	• 0		1 .		68	71		
76/ 75				7 1.0	. 5	• 5	. 5	. 2	• 1	.0		1	i	99	99,	3	
74/ 73	• 1		•6	8 8	.7	• 5	• 4	. 4	• Q	i	i	,	1	115	117	11	2
72/ 71		5		.0 .9	- 8	•6	.6	. 3	<u>•1:</u>					133	134	19	
70/ 69	.0 .1	4		. 3 . 6	1.0	,6	. 9	• 2	•	i	1	i	į .	147	149	66	12
68/ 67		8.		7 1.1	-7	1.0	. 1	•0	• 0	•0		1		141	142	85	33
66/65	.1 .4	5		8 1.3	1.1	• 6	. 2	• 1				1	•	150	151	126	59
64/ 63	1.0			9 1.3	. 8	• 5	. 4	<u>• 11</u>				<u>i </u>		166	167	136	67
62/61	.1 .6	.7₁	•6	9 1 . 4	•7	• 6	. 2	• 0	,				1	146	147	162	104
60/ 59	.2 1.0	1.0	1.0 1	3 1.3	- 8	.4	<u>. 1</u>					<u> </u>		177	162	149	118
58/ 57	. 1.0		1.4 1.	.3 .9	. 5	• 2	• 1			1		'		169	171	185	126
56/ 55	<u> </u>		1.2 1.	4 1.3	.4		<u>.</u>		t		·			158	159	193	133
54/ 53	1 .1 .8	1 -	1.1 1.	0 1.2	• 3	• 1	ļ	;	;			1	ì	138	138	212	138
52/ 51	17			.8 .5	• 4				1	1				107	103	191	144
50/ 49		,	•91.	.2 .5	• 14		1		1		1			107	107	170	145
48/ 47	<u> </u>			.9 .2	•1							1		97	99	159	172
46/ 45	5		1.1	.7 .2			į		- 1	į		1		8 C	80	151	145
44/ 43	.0 .8	·	1.0	.4 .1	•0	<u>}</u>				1		<u> </u>		72	72	121	170
42/41	• 0 • 0	,	1	. 1	i		- 1	İ	-	•	ļ		•	34	34	118	144
40/ 39				·Z •0					_			<u> </u>		25	25	80;	132
38/ 37	• 1	. 2	- 2	. 1	1	1	i		i	,	1	1		13	13	64	125
36/ 35	La		.2	.1								<u> </u>		11	11	34	105
34/ 33	•	. 1		.0				1		1	!	1	•	7	7	16	108
32/_31	· •	-	_1Q	1						<u> </u>		 _		11_	1	12	90
30/ 29)		. i	,		:	-		İ		1 1		1.	i;	10	56
28/ 27				1				· · · ·				<u> </u>		· · · · ·		6	34
26/ 25	1	,	1	1			į.	1	i	1		1					46
24/ 23	<u> </u>									1				<u> </u>			18
Element (X)	Σχ'		ž X		X	€ z	1 1	No. Obs.				-,		h Temperatu			
Rel. Hum.							<u> </u>		_	± 0 F	1 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≠ 93 F	To	otal
Dry Bulb					!										<u>i</u>	!	
Wet Bulb												<u> </u>	<u> </u>				
Dew Point												!	t	1	1		

FETAC FORM 0.26.5 (OLA) REVISED PREVIOUS

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHIRMAN AAF 37-53,62-72 TOCT 0900-1100 HOURS (L. S. T.) PAGE 2 Temp (F) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 | 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL 22/ 21 20/ 19 18/ 17 16/ 15 14/ 13 12/_11. TOTAL .810.113.517.117.315.610.2 7.1 4.6 2.2 1.0 ã 0.26.5 (OL FORM JA 64 No. Obs. Element (X) 150992 Rel. Hum 9960646 2479 267 F | 273 F 9658203 7249**7**32 133101 132114 115164 Dry Bulb Wet Buls

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 (1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 98/ 97 96/ 95 94/ 93 92/ 91 90/ 89 88/ 87 86/ 85 99 84/ 83 117 82/ 81 80/ 79 116 133 76/ 75 156 159 160 161 74/ 157 148 70/ 69 119 68/ 67 66/ 65 133 134 153 62/ 61 109 109 55 53 86 48/ 47 105 40/ 115 38/ 37 36/ 35 89 34/ 33 Mean No. of Hours with Temperature Dry Bulb Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 £ 1200-1400 HOURS (L. S. T.) | TOTAL | TOTAL | | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry B €. 30/ 29 28/ 27 26/ 25 26 24 22/ 21 20/ 19 18/ 17 16/ 15 14/ 13 12/ 11 TOTAL .3 6.4 6.9 6.6 8.713.612.412.511.5 8.6 7.2 2.7 1.6 2503 2485 2486 (2487 (õ Element (X) 123654 170169 139904 267 F 273 F 280 F 293 F 49.819.080 68.011.609 56.3 9.009 2485 ≤ 32 F Ret. Hum. 52.1 36.3 Dry Bulb 11906307 2503

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 94/ 93 92/ 91 90/ 89 88/ 87 86/ 85 82/ 81 80/ 37 70/ 68/ 67 66/ 65 64/ 63 62/ 61 58/ 57 56/ 55 172 52/ 51 48/ 47 46/ 38/ 30/ 29 Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR FEATHER SEPVICE/MAC 13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72 PAGE 2 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | r 31 | D.B.√W.B. | Dry Bulb | Wet Bulb | Dew 26/ 25 24/ 23 22/ 21 16/ 15 14/ 13 12/ 11 2489 .3 6.2 7.5 8.0 9.912.711.712.310.9 8.6 6.2 3.1 1.4 2490 0-26-5 (OL No. Obs. Element (X) Mean No. of Hours with Temperature 50.519.531 67.611.493 56.1 8.880 125698 Rel. Hum. 7296964 2489 ≥ 67 F ≥ 73 F ≥ 80 2510 2490 Dry Bulb 11799421 169665 50.8 139646 8028244

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR VEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72 1800-2000 WET BULL TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 88/ 87 84/ 83 .0 .0 82/ 81 807 76/ 70/ 69 66/ 67 38 120 62/ 133 134 60/ 191 189 139 185 160 151 150 50/ 126 43 38 36/ 32/ 30/ 29 28/ 27 26/ 25 22 Mean No. of Hours with Temperature Rel. Hum. Dry Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-46,48-53,62-72 1800-2000 HOURS (L. S. T.) PAGE Z WET BULB TEMPERATURE DEPRESSION (F)

1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 20/ 19 18/ 17 16/ 15 14/ 13 TUTAL 2333 2355 .718.325.120.013.5 9.8 6.4 3.1 1.7 2333 2333 **(**: No. Obs. Element (X) 2333 2355 68.516.704 57.310.471 51.4 9.122 Rel. Hum. 11604379 8003697 6367794 159859 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 135059 Dry Bulb 93 Wet Bulb 2333

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF
STATION NAME
YEARS
YEARS OCT 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poi (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 78/ 77 76/ 75 74/ 73 72/ 71 70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 58/ 52/ 51 50/ 46/ 42/ 40/ 38/ 36/ 19 34/ 33 32/ 31 30/ 29 . 3 26/ 25 22/ 20/ 19 18/ 17 16/ 15 14/ 13 Rel. Hum. Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/NAC FURT LEAVENWORTH KANS/SHERHAN AAF 38-39,41-46,48-53,62-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 ≥ 31 D.8 · W.B. Dry Bulb Wet Bulb Dew Point 2 · Q 37 · 2 2 6 · 3 15 · 1 8 · 6 5 · 8 3 · 1 1 · 0 · 5 · 2 · 1 · 0 · 2 2 4 3 22 19 TUTAL 2219 \mathbf{C} C g No. Obs. Mean No. of Hours with Temperature 76.315.278 52.910.690 48.8 9.541 13433654 6527058 5480427 2219 2243 2219 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 32 F 118598 108227 99866 Dry Bulb Wet Bulb

the formal transfer of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat

0 DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 13921 NDV 38-52/62-70 C 0000~0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 - 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 72/ 71 8 70/ 69 **(**) .0 68/ 67 66/ 65 11 15 15 64/ 63 .0 () 28 62/ 61 20 20 10 56/ 55 54/ 53 . 1 • 0 32 63 63 51 61 65 (. 50/ 49 91 92 66 48/ 47 107 107 66 55 46/ 45 (112 109 109 79 42/ 1.6 2.5 2.0 105 105 101 159 159 98 40/ 39 158 38/ 133 133 102 37 172 113 172 771 36/ 35 34/ 33 138 138 168 147 1.9 147 168 198 147 31 145 145 149 183 30/ 29 129 158 28/ 27 129 123 26/ 37 137 81 41 83 81 6 23 2.6 72 41 22/ 19 34 34 20/ 18/ 15 46 16/ 17 28 32 12/ 11 10/ 16 16 8/ .0 Element (X) Mean No. of Hours with Temperature Rel. Ham. ≥ 73 F ≥ 80 F ≥ 93 F 4 0 F ≥ 67 F Dry Bulb

DATA PRUCESSING RRANCH USAF ETAC AIR MEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 38-52.62-70 NI)V 0000-0200 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dow Poin WET BULB TEMPERATURE DEPRESSION (F) Temp. $\frac{2}{0} / \frac{1}{-1}$ -2/ -3 -6/ -7 9.949.925.0 8.5 4.2 2.3 2113 2107 2107 FORM JUL 64 Element (X) No. Obs. Mean No. of Hours with Temperature Rel, Hum. 165503 79772 78.513.572 ± 32 F ≥ 67 F ≥ 80 F ≥ 93 F Total 2107 13388043 2113 2107 2107 Dry Bulb 3285772 31.2 90 38.3 52.3 90 Wet Bulb 2831965 74039

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

0300-0500

Temp.		,							DEPRE								TOTAL		TOTAL	
(F)	0 1.2	3 - 4	5 - 6		9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B./W.B. 0	ry Bulb W	et Bulb D	ew Po
70/ 69	ļ	: !	• 3 • 2	. 1				i I									9	9		
08/ 67		.0	• ?			<u> </u>											9	_ 9		
66/ 65		. 3		. 1	ļ	1	1					į					10	10	3	
64/ 63	• 1	. 3	-	1		 	l										13	13	- 8	
62/61	.0 .2	, 2	• 1		.0)	ŀ										15	1 5	1.5	
60/ 59	4	. 3	.4	2	• }	<u> </u>											30	30	20	
58/ 57	(• 5	. 3	• 4	. 2	1		• 0					1					34	34	17	
56/ 55	.0 .5	. 3	.2		!		L										32	32	31	
54/ 53	.9			. 2	• 1	• 0	1										38	38	22	
52/ 51	.3 .9				• 2		<u> </u>										58	61	48	
50/ 49	.7 1.6		1.0	. 2	1	1)	!		'						ļ		91	91	54	
48/ 47	.6 .9		• 2	<u> l</u>			<u> </u>										52	55	71	
46/ 45	.6 1.8			. 2	Í						İ]					88	88	73	
44/ 43	.4 1.9			. 2	• 1	ال	· —										107	107	89	
42/ 41	.1 2.0		• 9						1		'	į					101	101	77	
40/ 39	.3 2.7		. 8		i						i	·					141	141	95	
38/ 37	.4 3.7					ĺ	1					į					140	140	153	
36/ 35	.2 4.8		• 5			<u> </u>	<u> </u>										156	156	161	_1
34/ 33	.8 5.0				ļ	1					i '						165	165	187	1
32/ 31	.ध 4.3				ļ	ļ	<u> </u>										138	138	170	1
30/ 29	1.3 4.6						İ										154	154	142	1
28/ 27	1.4 5.2				L	<u> </u>											147	147	193	1
26/ 25	1.4 2.4				1	1	1		l i			i			i	l	86	86	140	1
24/ 23	. 4 2.7						<u> </u>									! !	84	84	71	1
22/ 21	.6 2.2													1			66	66	79	1
20/ 19	.7.1.5		!			i											48	49	74	
18/ 17	.5 .4	.2					ĺ								į		24	24	31	
16/ 15	3		L		<u> </u>		<u> </u>							ll			15	16	16	
14/ 13	.2 .4		l į									}					12	12	18	
12/ 11	<u>. 1 . 3</u>				<u> </u>	<u> </u>											8	8	10	
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4/ 3		1		,		1											1	i	7	
Element (X)	Σχ,		1	Σχ	I	X	· ,		No. Ob	s.				Mean No	of Ho	ours wit	h Temperatu	10		
Rel. Hum.	···				_						2.0	f :	32 F	≥ 67 8	. ,	73 F	≥ 80 F	≥ 93 F	To	tol
Dry Bulb							<u></u> _													
Wet Bulb												\Box								
Dew Point			1		1	-	1 -							i	1		1	!		

DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** NOV FURT LEAVENWORTH KANS/SHERMAN AAF 38-52:62-70 €. G300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 2/ 1 10 0/ -1 -2/ -3 -4/ -5 -8/ -9 2092 TOTAL 12.553.321.5 8.0 3.4 2092 2092 SPORM EDITIONS OF C 0 C 0.26.5 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature 167257 76739 71595 13728933 3079753 2686815 80.012.945 36.511.457 34.210.637 Rel. Hum 2091 34.5 41.6 54.9 Dry Bulb 2100 2092 Wet Bulb 2243482 2092 64032

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 € 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL € 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 70/ 69 68/ 67 10 66/ 65 64/ 63 18 23 62/ 61 60/ 59 58/ 57 33 56/ 55 4 C 39 38 54/ 53 . 6 63 32 35 50/ 1.1 82 48/ 47 53 112 115. 46/ 45 . 6 1.6 1.4 44/ 43 98 37 2.5 1.9 105 83 42/ 118 171 2.6 2.6 40/ 39 177 177 112 38/ 37 3.6 3.0 .0 187 187 36/ 35 187 178 34/ 33 166 168 196 4.7 1.7 207 32/ 31 168 170 181 191 170 170 30/ 29 1.3 4.8 1.2 126 128 78 2.8 98 26/ 167 22/ 21 2.3 78 57 60 57 20/ 19 39 18/ 17 23 85 . 3 66 16/ 15 39 13 32 0.26.5 10/ 10 22 8/ 6/ ß Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

(I DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC 2 **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 13921 STATION E 0600-0800 HOURS IL. S. T.. PAGE 2 1 - 2 | 3 - 4 | 5 - 5 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B. M.B. Dry Temp, (F) 0 2/ 1 0/ -1 G -2/ -3 -4/ -5 -8/ -9 =12/=13 =14/=15 TUTAL ICEM ARE MENOUS 0.26-5 (OL A) FOEM JUL 64 79.612.760 36.811.232 34.410.483 Element (X) Rel. Hum. 182172 84692 78735 2289 : 32 F 14870860 3404932 2959701 2303 2289 33.0 Dry Bulb Wet Bulb

DATA PROCESSING GRANCH USAF EYAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 13921 STATION 0900-1100

Temp.					WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.P.	Dry Bulb W	et Bulb C	Dew Po
82/ 81		1	,				<u></u>	.0									1	1		
78/ 77	,			ļ	į !		.0				i			İ	!		i i	1	- 1	
76/ 75		- -		1		• 1											4	4		
74/ 73!		1	. 1	1 :0	. 1	. 1		.			- 1	1			1		: 8	8		
72/ 71			• 1	. 2	• 1	0	-										?	9		
70/ 69		, 0	. 2	, 3	. 4	.0	<u>. </u>	.0									2.3	2.3		
68/ 67		• 1	. 2	. 3	. 4	• 1	• 1	.0	• 0								29	29	2	
66/ 65		() <u>. 3</u>	5	2	2	. 3	1										37	3.81	5	
64/ 63	1	. 3	. 3	.3		• 2	• 1]	ĺ			'				34	34	21	
62/ £1		3 ,4	. 3	. 2	.4		. 1	.0		0	<u> </u>						53	54:	28	
60/ 59		2 .3	. 4	. 5	• 7	ŋ • 3	• 3	·	i		'	ļ			-		63	63	42	1
58/ 57		5 . 2	. 6	.3	. 8				<u> </u>								80	81	39	<u>3</u>
56/ 55	• 1				• 8				! !								92	73	39	4
54/ 53		5 .6			٠٩			-	<u> </u>								104	104	56	3
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42/ 41		6 2.1					}							 			158	158	183	 ;
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Element (X)	Σχ²	<u> </u>		ZX	' 	X	· •		No. OL	. 1	<u> </u>			Mean N	o. of Hou	rs wit	h Temperat			
Rel. Hum.			 		-+	^	<i>-</i>		,		± 0 F	·	32 F	≥ 67		3 F	≥ 80 F	≥ 93 F	7	0,0
Dry Bulb			 				·							 	- 		 	 -		-2.
Wet Bulb			 		_		 										 			
Dew Point			 -											 	-		 			

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 T, 0900-1100 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew WET BULB TEMPERATURE DEPRESSION (F) 1. 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 26 12/ 11 13 0/ -4/ -5 -6/ -7 -8/ -9 2345 2345 2345 0.26-5 (OLA) FOEM JUL 64 2345 2354 2345 11085486 4906858 3873756 Rel. Hum. 156892 ≥ 67 F 104100 92410 12.7 21.6 44.7 Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

NOV HTHOM 1200-1400 HOURS (L. S. T.) PAGE 1

Temp										SSION (TOTAL		TOTAL	
(F)	0 1-2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb Y	et Bulb	Dew P
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76/ 75				0					1	!							20	20		
74/ 73			• 0	. 1	.3	• 7			. 2					ŀ			40			
72/ 71			-1	. 2	3	6		. 2			.1						39		3	
70/ 69		i i	• 1	.4	• 6			.4	. 1					į		İ	6.3			
68/ 67		• 0	-2	. 6	- 5	. 6			. 2							<u> </u>	72		3	
66/ 65	1 1	. 2	• 2	. 3	.6			. 3	. 2		,			ì			80		20	
64/ 63	<u>• 0</u>	• 1	• 1	. 2	. 5	ا و]		• 0				 				64		29	
62/61	• 0	. 3	• 3	. 4						,	E I			1		1	109	109	55	
60/ 59	•0	.3	• 3	.5	- 6					<u> </u>	<u> </u>	<u></u>		!		<u> </u>	105		47	
58/ 57	•2 •4	. 4	• 5	.6	1.2	1 • 3	1.2		1	[ì			137	137	75	
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54/ 53	• 2	.5	• 5	1.1	1.7			1	İ	1				İ			123	125	76	
52/ 51	<u>.a .a</u>	. 5	• 7				·	-									114		106	
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46/ 45	•d •6	. 8	1.4	1.9			9		İ		ļ					İ	144			1
44/ 43	.1 1.4	1.2	1.4		5		<u> </u>	ļ	 -	 	ļ	ļ				ļ	138		190	
42/ 41	.d 1.1	1.3	1.8				i				l		1	İ		<u>;</u>	117	117	160	
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18/ 17	• d	- 2	• 4				 	 	 	 	 -						5			
16/ 15	1 .1	• •	į	: :					İ		i						ر ز		Ą	ļ
Element (X)	Σx²			žχ	T	X	٠,	, T	No. O	. I		·		Mean N	o. of H	ours wit	h Tempera			
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Dry Bulb							 								-1-		 		_	
Wet Bulb							\vdash								 		 		1	
Dew Point															—- !		 	i		

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FORT LCAVENWORTH KANS/SHERMAN AAF 37-52,62-72 1200-1400 HOURS (L. S. T.) TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Daw Pain WET BULB TEMPERATURE DEPRESSION (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 €. 14/ 13 21 16 10/ 8/ 6/ 18 2/ 0/-1-2/ -3 1.211.015.717.016.213.912.8 7.5 3.0 1.3 2345 2352 € No. Obs. Ret. Hum. 8226939 ≤ 32 F ≥ 67 € | ≥ 73 F | ≥ 30 F 132217 118613 50.412.248 43.0 9.851 2352 6.1 Dry Bulb 2345 Wet Bulb 4555963

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 2 **PSYCHROMETRIC SUMMARY** FURT LEAVENWORTH KANS/SHERMAN AAF 37-32,62-72 1500-1700 HOURS (L. S. T.) PAGE 1 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Pot WET BULB TEMPERATURE DEPRESSION (F) (F) 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 80 / 79 78 / 77 76 / 75 24 74/ 73 35 701 73 68/ 67 66/ 65 60 84 64/ 63 81 83 60/ 59 103 103 67 58/ 57 143 143 122 122 103 103 109 172 157 132 132 161 165 46/ 45 161 139 139 43 197 109 167 149 95 125 36/ 35 72 19 28/ 27 28 31 20 10 20/ 19 16/ 15 14/ 13 Mean No. of Hours with Temperature Element (X) ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Total Rel. Hum ₂ 32 F Dry Bulb Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/HAC (i FORT LEAVENWORTH KANS/SHERMAN AAF 37-52:62-72 C 1500-1700 HOURS (L. S. T.) S BOAG TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) **(**-1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 12/ 11 (8/ 15 0/ -1 1.812.417.218.514.713.310.3 6.6 3.3 1.1 2354 2348 2349 2349 (₹ 0.26.5 (OL • Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 58.018.668 49.612.265 42.5 9.844 2348 2354 2349 87278**7**5 6153**99**9 136281 10 F ≾ 32 F ≥ 67 F ≥ 73 F Dry Bulb 116847 6.7 90 4476168 99900 90 14.4 Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72 1800-2000 HOURS (L. S. T.) £ PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL € D.B./W.B. Dry Bulb 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 76/ 75 . 1 C 72/ 15 70/ 69 .0 68/ 67 29 29 66/ 65 64/ 63 • 1 29 62/ 60/ 59 58/ 57 87 56 100 101 51 100 100 52/ 47 70 117 106 108 106 148 45 150 153 144 144 68 43 2.0 184 184 175 175 172 40/ 39 159 203 159 36/ 159 159 199 35 121 1.9 121 32/ 31 2.3 91 28/ 27 26/ 24 24 23 37 19 20/ 18/ 11 18 36 16/ 15 23 12/ 11 Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 73 F | ≥ 80 F | ≥ 93 F ± 0 F Dry Bulb Wet Bulb

大変をいい DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 - 4 5 - 6 7 . 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew 8/ 4/ 3 0/ -1 C. -4/ -5 2317 2311 2.930.829.319.310.1 4.8 1.7 2311 2311 (C 0 \mathbf{C} \mathbf{C} 0 a 9 No. Obs. Element (X) Mean No. of Hours with Temperature 70.615.737 42.511.146 38.3 9.944 267 F 273 F 280 F 293 F Rel. Hum. 2311 12082805 163099 ≤ 32 F Dry Bulb 4463246 3626497 2317 16.1 26.1 45.3 90 98360 Wet Bulb 88617 2311

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72 YEARS MONTH

PAGE 1 2100-2300

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Temp (F)							BULB .							T== ==	T== ==1			TOTAL D.B./W.B.		TOTAL	
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48/ 47	. 3		1.2	1.0	.4	• 2	<u> </u>	<u> </u>		<u></u>	<u> </u>			ļ				106	108		
46/ 45	. 1		1.7	1.1								[127	130	!1	
44/ 43	.1	2.1	1.6	1.5							<u> </u>					_	<u> </u>	127	127		
12/ 41	• 1	2.4	1.9							1	1							140	140		
10/ 39	3		2.2		.3					<u> </u>							<u> </u>	153	153	165	1
38/ 37	<u>•</u> 2		3.0	9) j					1	172	172		1
36/ 35	. 4		2.6	•6			<u> </u>			<u> </u>	i						<u> </u>	188	188		1
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JSAFETAC FORM 0.26.5 (OL A)

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72 € 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)
1. 2 3. 4 5. 6 7. 8 9. 10 11. 12 13. 14 15. 16 17. 18 19. 20 21. 22 23. 24 25. 26 27. 28 29. 30 ≥ 31 TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 10 6/ 2/ 3 -2/ -3 -4/ -5 TOTAL 2304 5.845.525.814.0 4.9 2.8 1.0 2319 2303 2303 0.26.5 (OL C 70 to 100 Mean No. of Hours with Temperature Element (X) ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 13692743 75.714.875 2303 ± 32 F 25.0 33.2 50.0 90 Dry Bulb 3883464 41360 39.411.073 2319 3267009 Wet Bulb 36.310.109 2303 90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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13921 FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70

STATION STATION NAME

PAGE 1 Q000-0200 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9-10 11-12 13-14 15-16 17-.. 19-20 1-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 66/ 65 64/ 63 62/ 61 60/ 59 . 0 11 12 53/ 57 •0 56/ 55 54/ 53 10 52/ 51 50/ 49 27 27 18 48/ 31 46/ 45 31 44/ 43 65 65 42/ 41 37 89 89 64 39 2.6 74 37 82 82 • 0 52 101 36/ 177 150 93 2.2 177 34/ 33 203 186 146 203 32/ 31 173 30/ 29 28/ 27 203 5.0 186 186 1.6 158 159 217 129 169 193 164 164 26/ 25 155 188 151 151 24/ 23 1.6 22/ 21 2.0 3.3 128 128 166 162 110 103 108 109 101 20/ 19 86 17 3.1 86 18/ 84 99 64 52 96 . 2 1.6 42 14/ 13 40 40 12/ -11 30 30 30 10/ 9 1.2 8/ 38 26 61 24 18 18 16 2/ 16 1 0/ Element (X) No. Obs. Mean No. of Hours with Temperature Total Dry Bulb

ORM 0.26-5 (OLA) REVISO PREVIOU

AFETAC FORM 0.26.5

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FURT LEAVENWORTH KANS/SHERMAN AAF 38-52267-70 0000-0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 14 -2/ -3 -4/ -5 19 6 -6/ -7 -8/ -9 -10/-11 3 -12/-13 -14/-15 -16/-17 -20/-21 TOTAL 17.056.918.5 5.5 1.8 2224 2227 2227 Element (X) No. Obs. Mean No. of Hours with Temperature 174750 76.613.121 Rel. Hum. 2224 = 0 F 1 32 F 14113612 2080352 1818905 28.311.550 26.410.840 2229 2227 62.0 Dry Bulb 63044 Wet Bulb 58891 Dew Point 49405

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC FURT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulk Dew Poin 66/ 65 64/ 63 10 62/ 61 •0 10 58/ 57 C 56/ 55 54/ 53 32/ 51 19 50/ 49 17 17 13 34 30 44/ 43 30 37 42/ 41 62 62 60 87 85 134 152 167 176 191 186 29 30/ 182 213 182 178 169 96 179 152 152 134. 107 107 17 153 92 72 53 .5 1.1 .5 2.1 14/ 36 36 ã 58 58 10/ 38 38 38 6/ 32 33 2/ 40 Element (X) Mean No. of Hours with Temperature Rel. Hum. * 0 F s 32 F > 80 F Dry Bulb

Service Contraction

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-70 0300-0500 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W.B. Dry Bulb Wet Bulb De 19 -2/ -3 -4/ -5 €. -6/ -7 -6/ -9 -10/-11 .0 -12/-13-14/-15 -16/-17 -18/-19 -20/-21 -32/-33 -36/-37; TUTAL 20.558.515.2 4.2 1.3 . 1 2231 • 0 2229 2230 2230 ₹ 9 0.26.5 No. Obs. Mean No. of He irs with Temperature 79.612.780 27.211.781 25.511.128 21.412.684 2229 2231 223C 177381 Rel. Hum. 14479625 : 52 F 1956338 60614 56970 65.5 72.0 Dry Bulb 1731428 Wer Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13921 FURT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 DEC

STATION STATION NAME

PAGE 1 U600-0800 HOURS (L. S. T.)

Temp								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bult C	ew Poin
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60/ 59	1	. •	1 . 2	1	j)]	J	1	1			1	İ	j		,		10	10	7	3
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42/ 41			<u>. 8</u>	. 4	i .3		 		<u> </u>	 -	· 	<u> </u>	<u> </u>	<u> </u>				51	51	36	36
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38/ 37				5	0		·		İ	<u> </u>	<u> </u>			<u> </u>	L	<u> </u>	<u> </u>	73	74	73	39
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32/ 31	•					•	1	i					i •		j			172	172	181	119
30/ 29	10						ļ			-	ļ	<u> </u>					<u> </u>	207	208	198	_157
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26/ 25	2.				<u> </u>		ļ	<u> </u>		<u> </u>	<u> </u>	1	·		ļ		<u> </u>	182	183	196	207
24/ 23	1.								1				ı		1			163	164	182	188
22/ 21	ٔ و	7 4.) ;	ļ	<u></u>	ļ			 	↓ -				 			143	143	140	163
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Floren (X)		Σχ,			zχ		X	*x	-	No. 0	bs.							h Temperati			
Rel. Huns.	ļ							 				± 0	F	≤ 32 F	≥ 67	F	≥ 73 F	≥ 80 F	× 93 f		otal
Dry Bulb	<u></u>			ļ				 							 	-			 		
Wet Bul's	!							ļ	ļ						ļ	-		<u> </u>		_	
Dow Pont		_		<u> </u>							اا				<u> </u>						

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC PS' CHROMETRIC SUMMARY 13921 STATION FURT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 0600-0800 HOURS (L. S. T.) TOTAL D.B./W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 Wet Bulb Dew Por -4/ -5 -6/ -7 14 . 2 . 1 -8/ -9 .0 21 6 =10/=11 -12/-13 -14/-15 -16/-17 <u>=18/=19</u> -20/-21 -22/-23 -24/-25 TUTAL 2368 19.460.614.9 4.0 2368 2368 0.26 5 (OL FORM JUI 64 Element (X No. Obs. 79.512.435 ≥ 67 F | ≥ 73 F Ret. Hum. 188249 63752 2368 40 F ≤ 32 F ≥ 80 F ≥ 93 F 2380 2368 65.7 72.8 2046232 9: Dry Bulb Wet Bulb

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PSYCHROMETRIC SUMMARY

FURT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 DEC 13921 STATION 0900-1100 PACE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 68/ 67 66/ 65 .0 62/ 61 60/ 59 58/ 57 16 16 • 0 • 0 24 56/ 55 54/ 53 52/ 51 13 . 1 20 6 28 28 • 1 8 50/ 49 56 57 31 53 48/ 47 63 18 46/ 45 90 18 96 96 35 • 0 . 8 74 37 42/ 41 • 0 1.1 1.9 2.5 3.5 2.2 120 . 2 40/ 39 55 38/ 37 • 0 147 2.1 3.1 2.8 96 36/ 35 150 159 180 34/ 33 32/ 31 199 199 186 126 197 173 .2 3.4 174 218 2.3 30/ 29 28/ 27 4.1 3.2 3.0 178 179 207 152 149 149 203 125 26/ 2<u>5</u> 23 89 205 3.3 127 140 103 76 126 103 .5 20/ 19 1.7 76 18/ 17 1.8 62 62 .3 1.2 111 16/ 15 43 . 2 43 14/ 37 37 71 12/ 11 28 28 10/ 29 29 30 46 8/ 32 28 58 23 15 68 61 54 4/ 16 16 FORM JUL 64 25 Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F ± 32 F ≥ 73 F ≥ 93 F ≥ 80 F Dry Bulb Wet Bulb Dew Point

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SEPVICE/MAC **PSYCHROMETRIC SUMMARY** 2 13921 FORT LEAVENBURTH KANS/SHERMAN AAF 37-52,62-72 **{** } 0900-1100 PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 12 0/ -1 11 25 11 20 -0/ -7 -8/ -9 -10/-11 -12/-13 =14/-15 -16/-17 -18/-19 TUTAL 7.543.526.0 4.0 6.3 1.8 2434 2420 •0 ((0.26-5 (OL A) No. Obs. Element (X) Mean No. of Hours with Temperature 12843200 2876150 2342291 1695493 ≥ 93 F Rel. Hum. 172368 71.215.297 2420 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 78396 70577 56573 32.212.013 29.210.835 46.7 57.9 74.5 2434 2420 . 8

PSYCHROMETRIC SUMMARY

STATION	FORT		51	ATION N	AME	-11011			21-	52,6	<u>, - , , , , , , , , , , , , , , , , , ,</u>		YEA	R5				D E	
																PAGE	1	1200-	-1
Temp.	····				WET	BULB T	FMPFR	ATURE	DEPRE	SSION (E)					TOTAL			. 5.
(F)	0 1-2	3 - 4	5 - 6	7 - 8								123 . 24	1 25 26	2 20 20	- 30 + 3		Den Bulk	TOTAL	·
74/ 73				· · ·	7-10			13	., - 10	• 0	21 - 22	23 - 2-	123 - 26	20 27	7 - 30 2 3		7 0010	WET DOID	7e w
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70/ 69		 -	•	.0			•0		.0	•0		 	-		 - -	2	<u>2</u> 5		
68/ 67	1	!	1	. 1	• "	• 0	• 0	.0		• •				l		10	10		
66/ 65			0	. 2		• 1	• 1		.1	—- <u>-</u>						19	19		_
64/ 63	1		Ĭ	. 2	- 1	. 1	. 2	. 2 . 2	1			ļ			ļ	30	30		
62/ 61		o .1	.4	. 2	• 2	• 1	. 4	.0					 		-	36	36	5	
60/ 59		2 .1	2	. 1	. 3	.4	. 5	. 1	• •					l		44	44	a	
58/ 57	· -	2 .0	1	. 4		. 8	• 2					 	1			53	53		
56/ 55		1 .2	-	- 1		1.0	. 4	. 0						-		76	76		
54/ 53		. 6		·		.7	• 1	-				 -	1	-		83	83	23	
52/ 51	· a .	4 .1			- :	. 3	-	1	i							82	82	28	
50/ 49		2 .2			1.1	• 3						 	1-1			91	98	65	
48/ 47	.1	4 .4		1.4	. 6	. 3	ļ									102	102	74	
46/ 45		4 .4		1.3	.6	• 1						 	 			107	107	112	
44/ 43:		7 .7		.7	. 5	.1										102	102	111	
42/ 41		4 1.3										 -	1			121	123	146	_
40/ 39		7 1.6			. 2	• 0		į	i					1	- 1	138	139	145	
38/ 37	.3 1.	4 1.2	1.6	. 2	• 2							ļ				127	130	156	
36/ 35		5 2.4	1.7	. 5	ì	ļ	i							1		167	168	163	
34/ 33	.3 2.	1 2.3	1.0	. 1	•0											140	141	161	
32/ 31		0 2.7	. 8	. 3	i							Ì			i	175	176	216	;
30/ 29	.3 1.	6 2.1	1.1	. 1												126	126	178	7
28/ 27		6 1.4														121	12 i	145	1
26/ 25	.2 2.	2 1.9	. 4	7												114	114	144	
24/ 23	0_1	8 1.7	2					j]				<u> </u>			90	90	118	
22/ 21	.2 1.	2 1.4	• 2		;		Ì									73	73	103	
20/ 19		1 6			!											46	46	75	
18/ 17		6 .3	j			1	į	1					!			22	22	60	1
16/ 15		7 .3														24	24	30	
14/ 13	٠0 .	5 .2			i	1		ŀ		1					-	19	19	22	
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10/ 9		g .		!	1	l	Ì	I	-				1			22	22	15	
8/ 7		5 0		ئــــــــــــــــــــــــــــــــــــــ									,			14	14	20	
Element (X)	<u>Σ</u> Χ;			z X		<u>X</u>	" *	_ _	No. Ob	<u>. </u>						ith Temperatu			
Rel. Hum.								 -			≤ 0	F_ .	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T (otal
Dry Bulb Wet Bulb															 		 -		_
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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-77 TOTAL D.B./W.B. TOTAL Dry Bulb Wet Bulb Dew 10 10 16 45 $\frac{31}{17}$ 4/2/ 0/ -1 13 -2/-3-4/ -5 =6/-7-8/ -9: -10/-11 =12/-13 =14/-15 =16./=17. -18/-19 TUTAL 4.026.624.717.411.7 8.0 4.5 2.0 2421 2421 2421 ã ĺΩ 0.26.5 70.24 10.104 Element (X) No. Obs. Mean No. of Hours with Temperature 10419055 3881650 2923969 63.018.159 37.812.870 33.110.725 152619 91950 80031 Ret. Hum. 2421 33.6 45.4 Dry Bulb 2430 2421 Wer Bulb

DATA PROCESSING BRANCH USAF ETAC AIR GEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** FORT LEAVENWORTH KANS/SHERMAN AAF 37-52,62-72 **(** 1500-1700 HOURS (L. S. T.) C 74/ 73 68/ 67 2.2 66/ 65 64/ 63 62/ 61 60/ 59. 58/ 57 • 3 52/ 51 50/ 48/ 47 46/ 154 53 2.0 42/ 40/ C 36/ 34/ 32/ $\frac{31}{29}$ 28/ .0 24/ <u>23</u> 22/ 21 99 20/ 1.0 18/ • 8 28 (OL A) 14/ 12/ 73 31 8/ 6/ FORM Mean No. of Hours with Temperature Element (X) USAFETAC ±0 F Rel. Hum. ± 32 F ≥ 73 F Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13921 STATION FORT LEAVENWORTH KANS/SHERMAN AAP 37-52,62-72 DEC 1500-1700 HOURS (L. S. T.) PAGE 2 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31 D.B./W.B. Dry Temp (F) C 2/ .0/ -1 €. -4/ -5 -6/ -7 € <u>=8/ =9</u>. -10/-11 -12/-13. -16/-17 TUTAL 3.730.525.116.411.2 2429 2429 (€ € 0.26-5 (OL A) Ē No. Obs. Element (X) Ret. Hum 2429 ± 32 F 3785916 2896014 2434 2429 33.9 45.1 Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT LEAVENWORTH KANS/SHERMAN AF 38-52,62-72

PAGE 1

1800-2000

Temp.							DEPRESS						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4 5 - 6	7 - 8	9 - 10 11 -	12 13 - 14	15 - 16	17 - 18 19	- 20 2	1 - 22 23 -	24 25 - 26	27 - 28 29 -	30 ≥ 31	D.B./W.B.	ry Bulb	Het Bulb D	Dew P
66/ 65	-		.0			Ī							1	1		
64/ 63	!	.0.			į	_			i				3	3	1	
62/ 61	. 1		1		• 1	Į.		1				1	10	10	!	
60/ 59		. 1	3	•0	0	l <u>i</u>							15	1.5	4	
58/ 57	.1 .3	. 2	1 0	i	. 1								2.0	20	10	
56/ 55.	3	_ • C	. 2		0	ا ساد							16	16	16	1
54/ 53	. 2	• 1	2 .3	•0	• 1		1	J				1	2.1	21	16	
52/ 51	3				• 1 •)	Ц_	,						33	33	- 6	
50/ 49	.1 .5		3 .3	• 2	• 1	1		1				j	44	44	25	
48/ 47	<u>• 11 • 4</u>					ļ							56	56	30	
46/ 45	.2 1.1		9 .5	• 3	• 0	!		•	i				80	80	37	
44/ 43	. 7						4		<u> </u>				77	78	5 5	
42/ 41	.11 .8	-			1	İ		İ	1	i			95	97	69	
40/ 39.	1 1.4					-							131	131	94	
38/ 37	.4 2.6			1	1				1	İ			145	147	143	
36/ 35	.5 3.4		_+			 							193	194	186	
34/ 33	.8 5.0			1 1				i	i	:		ļ	217	217	166	1
32/ 31	.4 4.5					-	 						179	179	261	1
30/ 29	.3 4.3		4	. !				1	:				173	175	180	2
28/ 27	.6 3.4					<u> </u>	 -						144	144	186	1
26/ 25	.6 4.0		2		1			1					150	150	179	2
24/ 23	.8 4.0					┼	 				 		135	135	156	$\frac{1}{1}$
22/ 21	.4 2.6		-					}					92	92	138	
20/ 19	.4 2.0		_			-							69	69	80	1
18/ 17	.3 2.0			l I ! .								!	67	68	35	_
16/ 15	<u>,1 1.3</u>	- 3		 									41	41	50	1
14/ 13	.1 1.9									!			51	51	1	
12/ 11	1 1 1 2		_ 	<u> </u>						-+			35	75	33	
10/ 9	.2 .7		1					İ	1	E I		i	21.	21		
<u>-8/- 7</u> .	.2 .6					 	 				-		19	19	21	
6/ 5	.1 .4			1	-]		1	1			1	12	12	13	
4/ 3	3 .5					 	-						19	20	21	
2/ 1	.d .2		j	·		1		1	1			-	5	5	7 8	
0/ -1	2 0		<u>.</u>		 -		<u> </u>				Mari M			- 5	8	
Element (X)	Σχ'		z x	_ _ x		<u> </u>	No. Obs.		105	- 10.5			th Temperati			otol
Rel. Hum					 -	<u>}</u> -			± 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	<u>-</u>	0101
Dry Bulb											 			 		
Wet Bulb						i_					ļ		_			
Dew Point					i					l	i	L		1		

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13921 FORT LEAVENWORTH KANS/SHERMAN AAF 36-52,62-72 ď, PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | -2/ -3 25 .0 -4/ -5 -6/ -7 -8/ -9 -10/-11 -12/-13 -14/-15 -16/-17 TUTAL 2389 2379 7.451.224.710.4 4.1 1.1 2379 2379 Ĩ . (0۲ No. Obs Mean No. of Hours with Temperature Element (X) 13448869 2713008 2266119 175393 75860 69211 Rel. Hum. 73.714.758 2379 10F ≤ 32 F ≥ 73 F ≥ 80 F ≥ 93 F 31.811.286 29.110.306 93 Dry Bulb 2389 47.7 2379 59.5 73.8 Wet Bulb

DATA PRECESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FORT LEAVENWORTH KANS/SHERMAN AAF 38-52,62-72 Į, WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin €. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 -64/ 63 62/ 61 60/ 59 • 0 6 6 58/ 57 22 15 56/ 55 •0 11 11 54/ 53 52/ 51 17 • 1 16 25 20 48/ 46/ 45 43 42/ 41 70 70 76 1.8 97 40/ 39 119 38/ 37 101 36/ 35 3.8 201 201 60 34/ 33 32/ 31 194 208 208 5.3 194 1.6 194 251 178 177 201 197 28/ 1.3 3.7 143 144 195 26/ 25 24/ 23 4.5 153 157 103 164 4.6 1.0 125 125 95 148 22/ 21 134 95 115 20/ 19 .8 2.8 80 18/ 17 2.1 70 70 152 16/ 15 2.3 65 65 68 55 52 52 12/ 11 1.6 10% 32 6/ 6/ 21 4/ 3 10 27 Element (X) Mean No. of Hours with Temperature Rel. Hum ≥67 F ≥ 73 F ≥ 80 F ± 0 F Dry Bulb Wer Bulb

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DATA PROCESSING BRAHCH USAF ETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FURT LEAVENWORTH KANS/SHERMAN AAP 38-52,62-72 2100-2300 HOURS (L S. T.)

Temp.					WET	BULB	TEMPE	RATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0 , 1 -	2 + 3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	4 25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
-4/ -5	.2						1	!	Ī	<u> </u>							5	5	7	14
-6/ -7				ļ !		:	1		1	l						j	2	7	2	1
-8/ -9				<u> </u>	1	1	:		1	1									1	
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12/-13						 	-	1			1		1			1			 	
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	i	:	1			1		;		1	;		i				! .	! !		
Element (X)	Σx		1	ZX	.	X	•	<u>. </u>	No. 0	bs.	 			Mean	No. of H	ours wil	h Tempera	ture	·	
Rel. Hum.		61378		1834	77		13.		23	376	± 0 F	F	≤ 32 F	≥ 67	F a	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb	7.7.	39637	7	705	557	29.	311	440		389		. 7	55.2				1			9
Wet Bulb		05441		651		27.6	10.	631		377		.9	65.1				1			9
Dew Point		59212		343			12.			375		. 9	76.8				 	+	-	9
			· Y!					V / V					0.4				***************************************			

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FRUM HOURLY OBSERVATIONS

13921 FC	RT LEAVENWORTH	KANS/SHERMAN	AAF	37-53-62-72
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STATION	DAI POMY		N NAME	377-44-144					YEARS				
IS (L S T)	JAN	FEB .	MAR	APR.	MAY	JUN	JUL	AUG	SEP :	ОСТ	NOV ,	DEC	ANNUAL
MEAN 00-02 5 D TOTAL O	13.232	0.8421	1.8951	48.0 0.527 9 2149	.595	67.3 7.505 2223	6,933	6.896	60.4 9.321 2129		1.3931	28.3 1.550 2229	46 19.3 260
MEAN 3-05 S D TOTAL O	13.333	1.0721	1.7901	45.9 0.454 9 2186	.424	7.216	6.631	6.705	9.586		1.4571	1.781	19.0 266
MEAN 6=08 S D TOTAL O	13.359	1.1431	2.7001	48.2 0.324 2324	-011	7.248	6,327	7.072	9.688	50.2 10.5841 2501	1.2321	1.929	48 20.3 285
MEAN 9-11 S D TOTAL O	13.557	1.5491	3.4141	56.6 0,984 9 2344	.595	8.117	80.9 6.742 2498	7.533	9.748	61.2 10.7631 2502	ĩ • 3531	32.2 2.013 2434	21.6 281
MEAN 2-14 5 D FOTAL O	14.350	2.4241	4.5471	01.9 2.00910 2348	.278	8,554	7.164	7.990	10.350	11.6091	2.2481	2.870	21 • 28°
MEAN 5-17 S D TOTAL O	14.086	2.7051	4.7201	63.0 2.04910 2348	.474	8,636	7.320	7.816	10.209	67.6 11.4831 2510	2.265	2.551	21 . 28
MEAN 8 ≈ 20 S D TOTAL O	12.771	10.8151	3.3881	57.5 1.32310 2316	.049	8,253	7.302	7.531	9.604	57.3 10.4711 2355	1.1461	1.286	21.0 27
MEAN 1-23 S D TOTAL C	12.824	10.4661	2.2961	51.5 0.606 2244	.542	7.567	6,794	6.821	9.188	52.9 10.6901 2243	1.073	1.440	19. 27:
ALL S (1 2 1 6 2 1	12.3211	4.3081	54.2 2.66711	.639	9.888	9.568	9.918	12.006	13.1011	2.654	2.613	21 · · · · · · · · · · · · · · · · · · ·

USAFETAC FORM 0.89 5 (QLI)

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

STATION		STATE	ON NAME						YEARS				
RS (LST)	JAN	FEB	MAR	APR	MAY	ואטנ	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN 00-02 S D TOTAL OBS	22.5 12.5351 2224	0.115	32.3 10.693 2132	9.437	8.502	6.486	67.2 5.704 2304	65.7 5.803 2232	8,394	9.620	35.1 0.457 2107		18.4 259
MEAN 03=05 5 TOTAL OBS	12.7321	0.487	10.846	9-608	8.706	6.490	5.783	5.901	8,939	46.2 9.8031 2210	10.637	1.128	44 18.3 265
MEAN S D TOTAL OBS	12.7841	0.593	10.988	9.539	8.322	0.212	5.141	5.799	8.824	47.1 9.869 2475	10.483	1.313	45 19•1 284
MEAN 39-11, S D TOTAL OBS	24.8 12.4711 2378	0.383		9.192	8.202	6.244	5.035	5.342	7.935	53.3 9.183. 2479	9.952	0.335	18.7
MEAN 12-14: S D TOTAL OBS	12.3601	0.275	11.108	9.138	8.093	6.209	5.182	71.7 5.529 2480	7.809	56.3 9.009 2487	43.0 9.851) 2345		52 17.8 287
MEAN 15-17 S D TOTAL OBS	29.6 12.0971 2376	0.307	10.922	8.885	7.873	6.067	5.138	72.0 5.416 2476	7.599	8,886			
MEAN 18-20: S D TOTAL OBS	25.6 11.760 2348	9,567	10.661	9.008	7.886	-6-074	5.174		8.008	51.4 9.122 2333		10.306	18.5 276
MEAN 21-23, S D TOTAL OB	23.6 12.092 2340	9.684	34.8 10.604 2302	9,355	8,199	65.9 6.333 2269	5,485	5.814	8.272	48.8 9.5411 2219	10.109	10.631	18.2 272
ALL S D	24.8 12.723 18619	10.707	11.489	9.880	8.755	6:747	5.901	6.252	8.816	51.0 10.118	10.666	11.164	18.0

USAFETAC FORM 0.89-5 (OL!)

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13921 FORT LEAVENWORTH KANS/SHERMAN AAF
STATION NAME
37-53,62-72

\$1A110N		STATION NA	WE					YEARS				
IRS (LST)	JAN	FEB MA		MAY	אטנ	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00=02 S D	14.454	11.95911.	4210.63! 32 2146	9.075	6.644	5.824	6.C97	8.866	10.347	11.523	12.261	42. 19.97 2593
03-05 S D	14.730	12.43712.0	.8 39.0 7310.639 31 2182	9.237	6,643	5.871	6.093	9.134	10.389	11.646	21.4 12.684 2229	41. 19.98 2650
OS WOS S D	14.828	12.55912.1	9410.784	9.327	6.621	5.465	5.970	9.173	10.658	11.538	12.924	42. 20.47 2846
09-11 S D	14.568	22.3 29 12.50412.2 2149 23	5311.270	10.205	7.150	6,195	6.206	9.415	11.319	11.353	12.417	43. 20.15 2869
MEAN 12-14 S D TOTAL C	21.1 14.119 2381	24.6 30 12.27512.2 2154 23	6711.701 65 2345	53.4 10.688 2454	64.0 7.579 2365	66.5 6.863 2499	65.7 7.095 2479	57.3 10.044 2424	46.6 11.904 2485	34'.1 11'.491 2545	25.3 12.105 2421	44. 19.54 2871
MEAN 15-17 S D TOTAL C	13.840	12.35812.1	8211.666	53.3 10.542 2453	64.1 7.475 2363	6.917	7.203	9.873	46.6 11.905 2489	Lî•454)	11.924	44. 19.39 287 <u>2</u>
18-20 S D	13.659	11.72511.7	3511.173	9.729	6.909	6,174	6.534	8.834	46.2 10.738 2333	32.9 11.400 2311	23.8 1.872 2379	20.04 2787
21-23 S D TOTAL C	18.4 13.987 2340	22.1 29 11.66011.6 2106 23	.2 41.0 7110.970 02 2237	52.9 8.961 2334	63.6 6.650 2269	66.8 5.721 2354	65.1 6.345 2285	56.8 8.729 2160	10.477	31.8 1.399 2304	2.096	43.0 20.020 27280
ALL S D TOTAL C	14.382	22.4 29 12.32312.1 16655 183	3411.183	9.804	63.4 7.045	6.231	6.543	9.342	45.4 11.071	11.549	2.381	43.4 19.982 22221

USAFETAC FORM 0 89-5 (OL1)

RELATIVE HUMIDITY

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FORT LEAVENWORTH KANS/SHERMAN AAF

37-53,62-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GE	EATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
JAN	ALL	100.0	100.0	99.5	97.2	90+0	75.7	55.3	35.2	14.0	72:1	18618
F E B ,		100.0	99.8	98.2	93,6	84.9	72.0	53.5	32.9	13.7	70.3	16655
HAR		100.0	99.2	96.0	89.5	78.4	64.8	47.6	29.9	11.7	67.2	18303
APR		100.0	98.9	94.5	85.2	73.7	59.7	44.2	27.8	ĭ1.3	65.1	18229
MAY		100.0	99.6	96.9	90+0	79.5	66.4	51.8	35.4	15.8	69.2	19103
JUN		100.0	100.0	99.6	96.1	87.8	74.4	58,6	40.5	ĩ6.5	73.0	18566
וטנ		100.0	ĨQÕ•0	99'.4	94,7	84.0	470.1	55.0	38,3	ĩ4.7	71.3	19428
AUG		100.0	100.0	99.2	94.6	85.1	72.9	59.2	43.3	ĩ9.5	73.1	19091
SEP		100.0	99.9	98.2	92.2	83.0	72.9	61.4	46.3	ž2·3	73.3	18472
DCT		100.0	99,4	95.8	87.7	77.6	66.2	52.5	37.0	16.9	-69.0	1875
NOV		100.0	99,9	98.7	93.6	84.4	71.2	54.3	35.9	15.1	70.7	18139
DEC		100.0	100.0	99.2	96.5	90.1	78.1	61.2	39.9	16.4	73.4	18846
101	ALS	100,0	99.7	97.9	92.6	83.2	70.4	54.6	36.9	15.7	70.6	22220

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

FORT LEAVENWORTH KANS/SHERMAN AAF

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN		•	MEAN RELATIVE	TOTAL NO OF
MUNIA	(£ S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	ONS.
JAN	00-02	100.0	100.0	100.0	99.5	96.9	87.5	68.4	45.3	ĭ8.3	76.9	2223
	03-05	100:0	ĩ00•0	100.0	99.7	197.6	89.9	70.7	46.8	ĩ9.6	77.8	2226
	06-08	100.0	100.0	100.0	99.7	97.8	90-1	70.8	46.3	19.2	'77'.8	2346
	09=11	100.0	100.0	99.9	98.4	190.5	72.8	49.8	30.4	12.0	70.8	2378
	12-14	100.0	99.9	98.3	92.i	75.2	51.6	29:7	18.1	8'. ï	62.8	238
	ĭ5=17	100.0	100+0	97.7	91.0	73.9	52.9	33.9	19.4	7:7	63.1	2376
	18-20	100.0	100·0	99.9	97.7	92.0	76.7	55.4	32:5	11.2	72.0	2348
	21-23	100:0	100.0	100.0	99.4	95.7	84.2	63.6	42'.4	ĩ5.6	75.5	2340
TO	TALS	100.0	100.0	99.5	97.2	190.0	75.7	55.3	35.2	14.0	72.1	1861

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0-87-5 (OL A)

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FORT LEAVENWORTH KANS/SHERMAN AAF

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO OF
MUNIN	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
FEB	00-02	100.0	100·0	100.0	98.6	93.4	84.9	66.6	42.3	17.4	75.9	1934
	03-05	100-0	ĨQ0•0	99.9	98.8	95.1	87.9	71.5	45.9	Ž1.2	77.3	193!
	06-08	100.0	ĭ00•0	99.9	99.1	96.0	87.9	71.4	46.2	19.0	77.4	212
	09-11	100.0	100.0	99.1	95.Õ	85.5	70.3	46.9	27.5	11.7	69.1	2149
	12-14	100.0	99.5	95.4	85.4	69.4	49.0	31.3	18.6	8.2	61.3	2154
	15=17	100.0	98.9	93.3	81.7	65.4	46.2	31.5	17.9	7.9	59.7	215
	18-20	100.0	100.0	98.0	93.2	83.4	69.0	48.2	28.3	10.8	68.5	210
	21-23	100.0	100.0	99.7	97.1	191.3	81.0	60.7	36.8	13.5	73.4	210
10	TALS	100.0	99.8	98.2	93.6	84.9	72.0	53.5	32.9	13.7	76.3	1665

USAFETAC TORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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FORT LEAVENWORTH KANS/SHERHAN AAF

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN TOTAL HOURS RELATIVE NO OF нтиом (LST) 10% 20% 30% 60% 70% 80% 40% 50% 90% 75.7 100.0 100.0 99.8 98.3 93.2 84.3 68.1 43.9 16.8 2131 MAR 00-02 95.1 72.5 51.0 19.9 78.0 2131 100.0 100.0 99.2 87.9 03-05 100.0 2338 76.7 99.2 69.0 45.6 17.5 06-08 100.0 100.0 99.9 95.1 86.5 57.5 8.5 64.6 2366 99.9 77.8 36.1 20.8 09-11 100.0 98.4 92.1 75.9 37.4 22.9 13.7 5.8 55.5 2365 12-14 100.0 98.4 90.6 55.2 22.6 70.6 12.4 53.8 2364 15-17 100.0 96.5 86.6 52.4 36,5 5.4 62.5 2306 100.0 93.8 85.3 71.5 54.9 36.5 20.Ž 8.2 18-20 99.1 31.5 11.5 70.6 2302 21-23 100.0 99.9 99.1 95.Î 87.0 73.7 53.4 11.7 47.6 29.9 167.2 18303 TOTALS 100.0 99.2 96.0 89.5 78.4 64.8

USAFETAC

FORM JUL 84 0-87-5 (OL A)

RELATIVE HUMIDITY

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FURT LEAVENWORTH KANS/SHERMAN AAF

37-53,62-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	REATER THAN			MEAN RELATIVE	TOTAL NO OF
	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
APR	00=02	100.0	99.9	99.4	96.9	91.5	80.4	63.7	41.3	17.5	74.7	2140
	03-05	100:0	100+0	99.7	98.8	95.1	87.4	71.9	50.2	22.6	78.1	2183
	06-08	100:0	99.9	99.7	98.4	94.3	81.4	62.5	39.6	16.7	75.0	2317
	09~11	100.0	99.5	96.0	85.4	-68.3	48.2	31.5	17.7	5.1	60.7	2341
	12-14	100.0	97.1	86.7	67.2	49.1	33.0	20.1	11.7	3.7	52.4	234
	15-17	99.9	95.9	83.4	61.7	44.2	30.3	20.6	12.4	5.0	50.8	234
	18-20	100.0	98.7	92.7	80.0	63.0	47.3	32.1	18.5	6.9	59.5	2315
	21-23	100.0	100.0	98.6	93.5	84.0	69.9	51.0	30.6	13.2	69.7	223
TO	TALS	100.0	98.9	94.5	85.2	173.7	59.7	44.2	27.8	11.3	65.1	18229

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

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FORT LEAVENHORTH KANS/SHERMAN AAF

37-53,62-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

τo	TALS	100.0	99.6	96.9	90.0	79.5	66.4	51.8	35,4	î5.8	69.2	1910
	21-23	100.0	100.0	99.7	98.2	'93.6	83.4	67.6	47'.3	19.4	76.7	233
 -	18-20	100.0	99.5	96.8	87.6	73.5	57.9	39.9	22.9	8.2	64.3	242
	15-17	100.0	98.4	89.2	70.9	49.2	31.1	19.2	10.6	3.6	52.8	24!
	12-14	100.0	98.7	91.7	74.6	53.9	33.3	18.6	9.4	3.3	54.0	245
	09-11	100.0	100.0	98.0	90.4	74.1	53.2	32.3	16.5	4.9	62.5	245
	06-08	100.0	100.0	99.9	99.3	97.0	88.2	72.3	47.7	19.8	78.1	243
	03-05	100.0	100.0	99.8	99.6	98.4	94.4	86.2	69.7	37.9	84.5	230
MAY	00-02	100.0	100+0	99.9	99.2	96.4	89.7	78 - 1	58.9	29.0	80.9	224
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
	HOURS	T		PERCENTAGE	FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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FURT LEAVENWORTH KANS/SHERMAN .AAF

37-53/62-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY GE	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MUNIA	(L 5 T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
JUN	00-02	100.0	100.0	100.0	100.0	99.5	97.6	90.3	70.6	33.5	85.0	221
	03-05	100.0	100.0	100+0	100.0	99.9	99.1	94.3	80.0	42.8	87.5	2279
	06-08	100.0	100.0	100.0	100.0	199.3	95.2	80.9	55.9	18.7	80.8	2363
	09=11	100.0	ï00•0	99.9	97.9	87.7	64.2	37.7	18.4	5.3	-66.6	2366
	12-14	100:0	ĩ00.0	98.6	88.4	68.8	41.0	21.2	9,4	2.5	58.5	236
	Ĩ5-17	100:0	100.0	98.4	85.3	-61.8	36.2	18.1	8,3	2.1	56.6	236
	Ĭ8 -2 0	100.0	100.0	99.8	97.2	86.8	68.4	45.1	24.7	6.0	68.3	2343
	21-23	100.0	Ĭ0 ó. 0	100.0	99.9	98.9	93.7	81.0	56.6	20.8	80.8	226
to	TALS	100:0	100.0	99.6	96,1	87.8	74.4	58.6	40.5	16.5	73.0	1856

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

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FORT LEAVENWORTH KANS/SHERMAN AAF
STATION NAME

37-53,62-72

JUL

STATION

NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10% 20% 30% 40% 50% 60% 70% 80% 90%									
MUNIN	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
JUL	00-02	100.0	100.0	100.0	100.0	99.2	96.5	88.1	70.5	31.5	84.3	2304
	03÷05	100.0	Ĭ00•0	100.0	100 • ö	99.6	98.6	94.5	80.9	41.0	87.4	2379
	06 =0 8	100.0	100.0	100.0	99.9	99.3	94.7	80.5	52.8	ĭ7:1	80.1	249
	09=11	100.0	100.0	99.8	96.8	82.5	56.2	28.1	11.6	3.2	63.4	2493
	12=14	.00.0	100.0	98.3	83.8	56.6	28.4	12.7	5.0	1.1	54.1	2499
	15=17	100.0	100.0	97.4	80.6	50.2	25.7	11.9	5.Ó	1.8	52.9	250
	18=20	100.0	Ĩ00.0	99.7	96.8	85.4	65.7	42.5	21.3	3.9	67.0	240
	21-23	100.0	100.0	100.0	99.7	199.0	94.8	82.0	58.9	1767	80.9	235
wax mereye												
10	TALS	100.0	100.0	99.4	94.7	54.0	70.1	55.0	38,3	14.7	71.3	1942

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RELATIVE HUMIDITY

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FORT LEAVENHORTH KANS/SHERMAN AAF

37-53-62-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS			PERCENTAC	E FREQUENCY	OF RELATIVE	HUM!DITY GR	EATER THAN			MEAN	TOTAL
MUNIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
AUG	C0~02	100:0	100.0	100-0	99.6	.98.6	95.3	89.0	73.8	38.3	85.4	2232
	03-05	100.0	100.0	100.0	99.8	99.5	97.2	93.6	82.7	50.5	88.4	231
	06-08	100.0	100.0	100.0	100.0	199.4	95.6	85.5	63.7	26.1	83.0	248
	09-11	100.0	100.0	99.9	97.7	85.2	51.1	36.0	17.9	4.6	65.8	2483
	12-14	100:0	99.9	97.8	83.8	57.1	33.9	16.7	8.0	1.7	55.5	2476
	15-17	100.0	99.9	96.2	80.2	54.1	32.5	14.9	6.2	1.8	54.0	2474
	18-20	100.0	100.0	99.6	96.5	88.9	73.8	53.9	30.8	7.4	70.8	2343
	21-23	100:0	100.0	99.9	99.4	98.2	94.0	83.9	63.4	ž5.5	82.1	228
10	TALS	100.0	100.0	99.2	94.6	85.1	72.9	59.2	43.3	19.5	73.1	1909

USAFETAC 0-87-5 (OL A)

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RELATIVE HUMIDITY

FORT LEAVENWORTH KANS/SHERMAN AAF
STATION NAME

37-53,62-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
SEP	00=02	100.0	100.0	100.0	99.8	98.8	96.3	91.0	77.2	42.6	86.5	2109
	03-05	100.0	100.0	100-0	99.7	99.3	97.9	93.2	82•ĭ	52.6	88.5	2229
	06=08	100:0	100.0	100.0	99.8	98.8	94.9	85.9	66.3	31.3	83.7	2434
	09~11	100.0	100.0	99.1	93.4	78.1	57.0	35.2	18.7	5.7	64.3	2423
	12-14	100.0	99.5	93.5	74.8	49.4	32.0	19.0	10.3	3.1	53.6	2424
	15-17	100.0	99.6	93.1	72.9	51.2	31.4	19.0	10.7	3.2	53.7	2424
	18-20	100-0	ï00•0	99.7	97.6	91.3	79.7	62.5	39.6	11.4	73.8	2269
	21-23	100:0	10ò•0	100+0	99.4	97.3	93.8	85.4	65,3	28.1	82.6	2160
10	TALS	100.0	99.9	98.2	92.2	83.0	72.9	61.4	46.3	22.3	73.3	18472

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

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FURT LEAVENWORTH KANS/SHERMAN AAF
STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	EATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OAS
OCT	00~02	100.0	99.9	99.6	99.2	95.8	88.4	77.4	60.4	30.9	80.9	2064
	03-05	100:0	100.0	100.0	99.2	98.0	93.3	83.5	67.6	39.5	83.9	2207
	06-08	100.0	100.0	100.0	99.4	96.9	91.2	77.1	56.9	28.2	80.8	2479
	09-11	100.0	99.9	96.9	86.7	70-1	48.9	29.9	16.1	4.9	60.9	2479
	12-14	100.0	97.9	86.4	62.3	40.8	26,2	16.4	9.8	2.8	49.8	2485
	15-17	100.0	97.5	85.7	63.2	42.8	29.2	17.4	10.2	3.0	50.5	2489
	18-20	100.0	99,8	98.4	93.8	84.0	69.2	49.8	27.5	7.2	68.5	2333
-	21=23	100.0	100.0	99.5	97.7	92,3	82.9	68.8	47.2	î8.6	76.3	2219
10	TALS	100.0	99.4	95.8	87.7	77.6	66.2	52.5	37.0	16.9	69.0	1875

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RELATIVE HUMIDITY

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CUMJLATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOUPS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL
MONIA	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
уаи	00-02	100:0	100.0	100.0	99.4	96.1	89.0	73.6	51.5	22.4	78.5	2107
	03-05	100.0	100.0	100.0	99.6	97.4	90.5	78.3	56.5	24.3	80.0	2091
	06-08	100:0	100.0	99.9	99.5	97.4	91.5	77.1	55.0	22.8	79.6	2289
	09-11	100.0	100.0	99.7	95.4	84.0	64.3	39.9	22.2	8.6	46.9	2345
	12-14	100.0	99,5	95.1	78.6	-57.5	37.4	22.5	12.9	5.0	36.4	2345
	15-17	100.0	99.8	95.2	80.9	60.8	42.2	25.8	14.1	6.9	58.0	2348
	18-20	100.0	100.0	99.7	97.0	.88.1	72.6	51.8	30.8	11.9	70:6	2311
	21-23	100:0	100.0	100.0	98.4	193.5	82.1	65.7	43.8	18.6	75.7	230
10	TALS	100.0	99,9	98.7	93.6	84.4	71.2	54.3	35.9	ĩ5.1	70.7	1813

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

13921 STATION

FORT LEAVENWORTH KANS/SHERMAN AAF
STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONIN	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
DEC	00-02	100.0	100.0	100.0	99.1	97.1	89.3	74.9	50.6	21.6	78.6	222
	03-05	100.0	100.0	99.9	99.6	97.5	90.8	78.0	55,9	23.0	79.6	2229
	06=08	100.0	100.0	99.9	99.7	97.6	91.1	78.0	53.4	21.9	79.5	2368
	09=11	100.0	Ĩ00.0	99.7	97.8	90.7	73.1	53.5	31.6	12.5	71.2	2420
	12-14	100.0	99.9	97.4	88.4	72.8	53.3	35,4	20.2	9.2	63.0	2421
	15-17	100.0	100.0	97.4	90.3	76.5	57.7	38.4	23.2	9.3	64.7	2429
	18-20	100.0	100.0	99.7	97.8	92.7	81.5	60.4	37.6	14.0	73.7	2379
	21-23	100.0	100.0	99.9	99.0	95.6	88.0	70:6	46.7	ī9'.6	77'.2	2376
τo	TALS	100.0	100.0	99.2	96.5	190.1	78.1	61.2	39.9	16.4	73.4	1884

USAFETAC

FORM 0-87-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

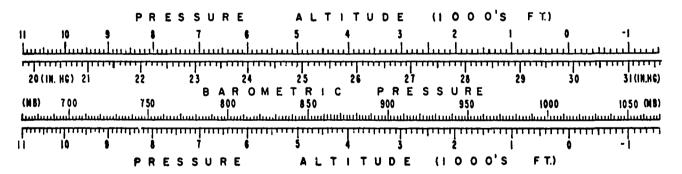
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY DESERVATIONS

STATION STATION NAME					YEARS			_
HRS (LST) JAN FEB MAR A	APK MAY	MUL	JUL	AUG	SEP	ОСТ	NOV	0

IRS ILST)		JAN	FEB	MAR	АРк	MAY	NUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	29.271	29.262	29.169	29.131	29.112	29.089	29.158	29.165	29,194	29.203	29.218	29.242	29.182
00	S D	.267			.219			.102					.256	.204
	TOTAL OBS	446			443		470	459	467	450	432		463	5339
	ļl					l		ļ	<u> </u>	<u> </u>				
	MEAN									29.192	29.201	29.214		29.17
03	, \$ D	•271					•134							20
	TOTAL OBS	446	364	427	444	473	472	481	498	480	458	431	465	543
	MEAN	20 249	20.262	29.170	99.143	29.134	29.107	20.177	29.184	29.310	29.214	29.217	29.237	29.19
06	S D	275												20
	TOTAL OBS	461						506						577
		7.4.	2.0	722			3,-	700	7.33		1	1 7.50	17.	
	MEAN	29.296	29.286	29.188	29.154	29.146	29.121	29.191	29.199	29.228	29,235	29.245	29.265	29.21
09	S D	.281				.173	139	111		.156	.190	.244	.265	.21
	TOTAL OBS	489			473		481	507	544	535		508	522	601
			ļ	1		<u> </u>			ļ	1		1		
	MEAN											29.221		29.19
12	S D	.282												.21
	IOIAL OBS	489	418	486	472	499	480	304	543	538	548	307	523	600
	MEAN	20 240	29. 220	20.124	20.004	20.004	29.473	20.145	29.146	29.162	29.16	29.188	29.209	29,15
15	S. D	27.270												20
T D	TOTAL OBS	486			473									601
	MEAN	29.257	29.244	29.127	29.088	29.076	29.051	29.119	29.128	29.154	29.170	29.205	29.226	29,15
18	S D	.264			.222	158	.132	.105	.107	143	180	.228	.250	.20
	TOTAL OBS	489	417	485	470	499	480	485	511	502	515	500	516	586
	MEAN	-0 -4	24 242				20 - 22				100 500	00.00	20 720	20 17
٠.	S D					SA - 104	24.073	27,139		ZA • 193	KA • 1 A	29.219		29.17
21	TOTAL OBS	.262 485					129						.252 519	588
	1	392	740	741	- 411	971	790	79.1			713	000		
.,	MEAN	29.270	29.259	29.158	29.123	29.113	29.088	29.157	29.16	29.191	29.200	29.216	29.238	29.18
ALL HOURS	S. D	272					.136	108					.258	.20
	TOTAL OBS	3791				3939			4166					4634

USAFETAC FORM 0-89-5 (OL1)

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13921 F()RT LEAVENWORTH KANS/SHERMAN AAF 37-53,62-72

HRS (LST)		JAN,	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
	MEAN	1020.6	1019.7	1016.7	1014.6	1013.7	1012.6	1014.8	1014.8	1016.	1017.5	1018.6	1019.6	1016.6
00	S D TOTAL OBS	9.408	8.320	8,695	7.913	5.852	4.963	3.719	3.907	5.156	6.657	8.565	8.936	7.514 855
03	MEAN S D TOTAL OBS	9.593	8.534	8,789	8.164	6.060	5 • 050	3.787	3.913	5.303	6.630	8.779	1019.6 9.027 742	1016.4 7.60! 872!
06	MEAN S D TOTAL OBS	1020.7 9.655 738	8,638	8.976	8.252	6.093	5.146	3,894	4.033	5.518	6.635	8.887	1019.5 9.140 743	1017.0 7.58; 915
09	MEAN S D TOTAL OBS	1021.6 9.884 766	8.591	9.123	8,458	6.212	5.190	3,898	3.993	5.560	6.793	8.907	1020.6 9.231 802	1017. 7.768 9406
12	MEAN S D TOTAL OBS	1020.7 9.891 780	8.501	9.096	8,371	6.077	15.043	3.847	3.937	5.502	6.684	8.982	1019.8 9.109 827	1016.9 7.689 9620
15	MEAN S. D TOTAL OBS		8.324	8.961	8.085	5.941	4.960	3.845	3.915	5.36	6.587	8.766	1018.7 8.964 824	1015.0 7.53: 961
18	MEAN S.D. TOTAL OBS	1020.2 9.411 767	8.007	8.746	7,779	1012.3 5.801 807	4.869	3.711	3.917	7 5.214	6.537	8.435	1019.2 8.788 793	1015. 7.35 926
21	MEAN S.D. TOTAL OBS	9.349	8.105	8.676	7.802	5.623	4.813	3,649	3.931	5.130	6.652	8.427	1019.6 8.827 796	1016. 7.49 919
ALL HOURS	MEAN S D TOTAL OBS	9.619	8.395	8.915	8.140	6.005	5.055	3.871	4.016	5.413	1017.4 6.690 6327	8.734	1019.6 9.013 6268	1016. 7.62 7354

USAFETAC FORM 0.89.5 (OLI)

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